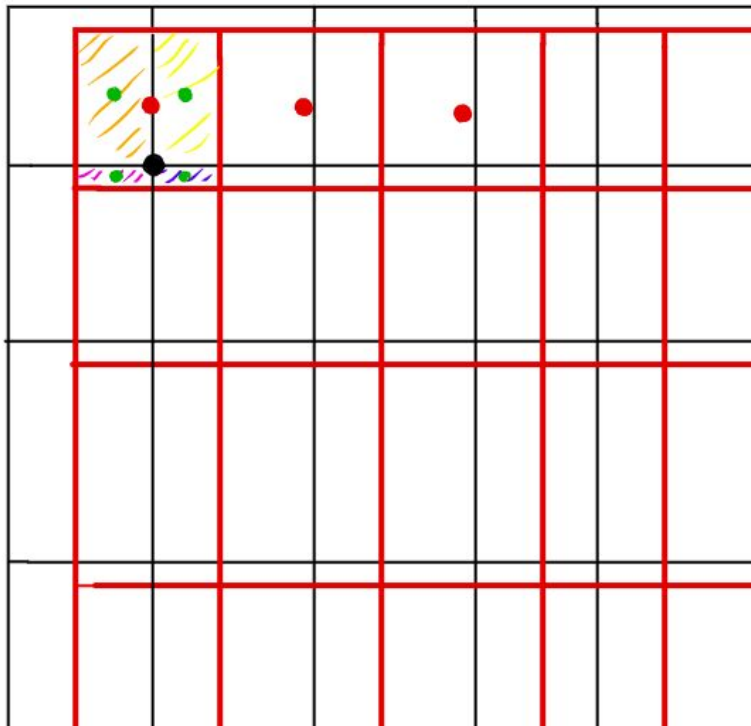


# Shower Projections

# Method



Black **regular grid** placed at the CoG of the shower in the red **irregular grid**

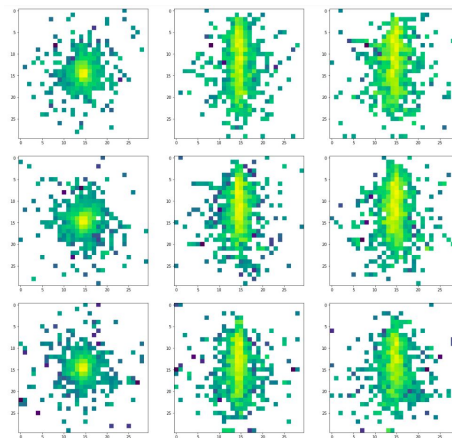
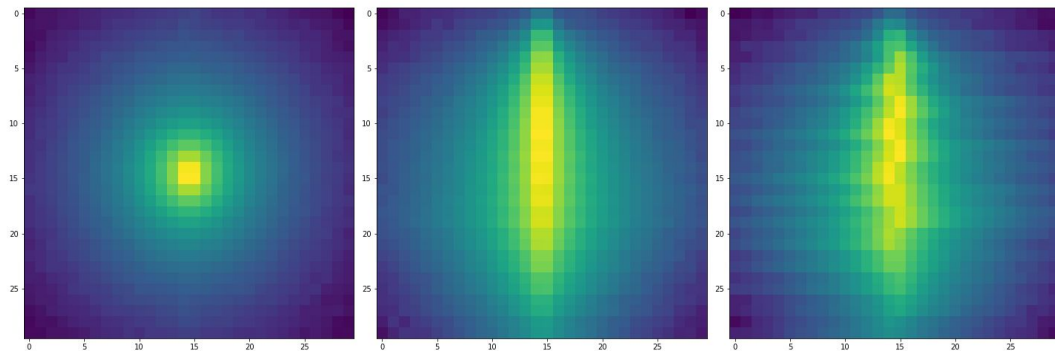
Nearest to the cell center of the **irregular grid** intersection of the **regular grid**, spits it into four rectangles

The energy from **irregular grid** splitted with respect to the relative area of rectangles

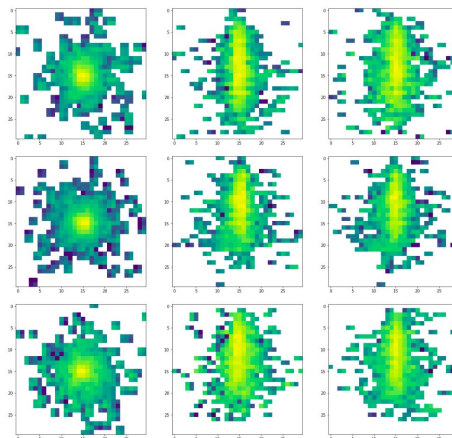
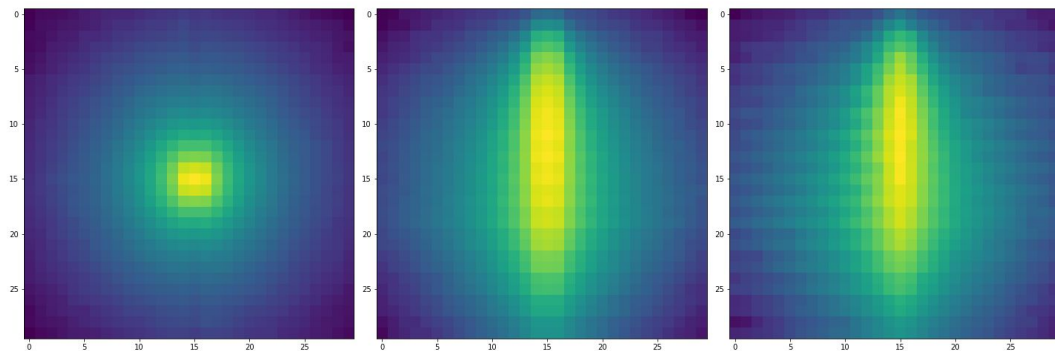
**Regular grid** filled with respect to the rectangles centers

# Shower Examples

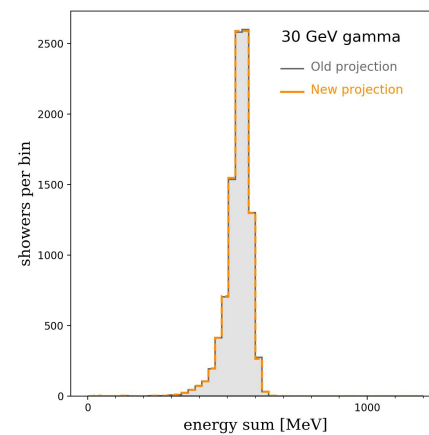
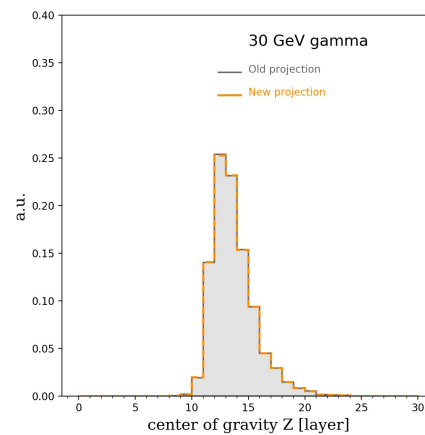
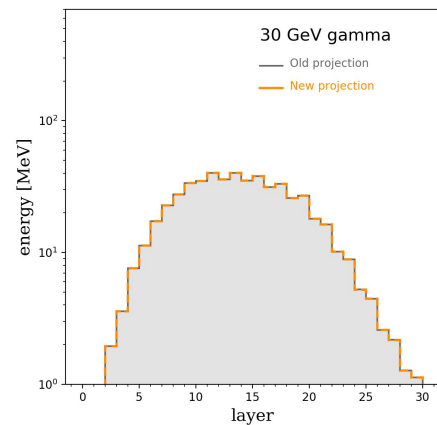
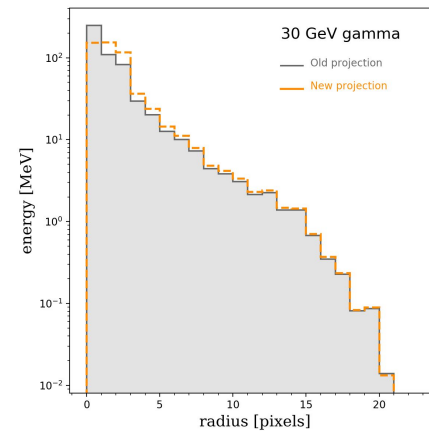
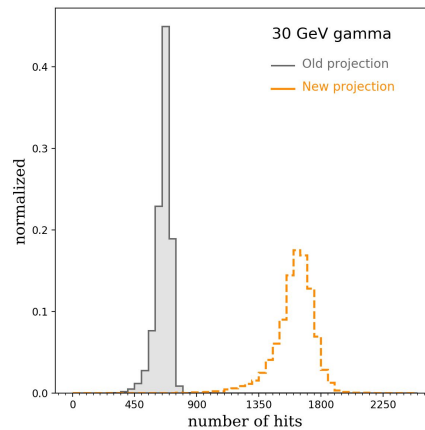
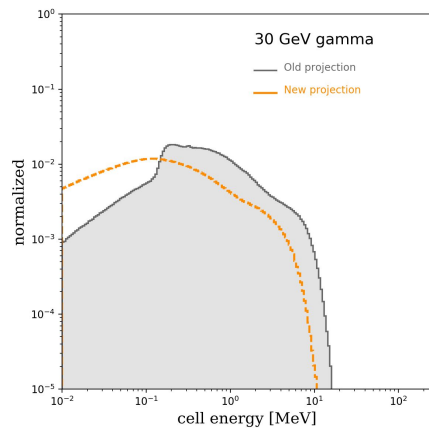
**fixed** regular grid



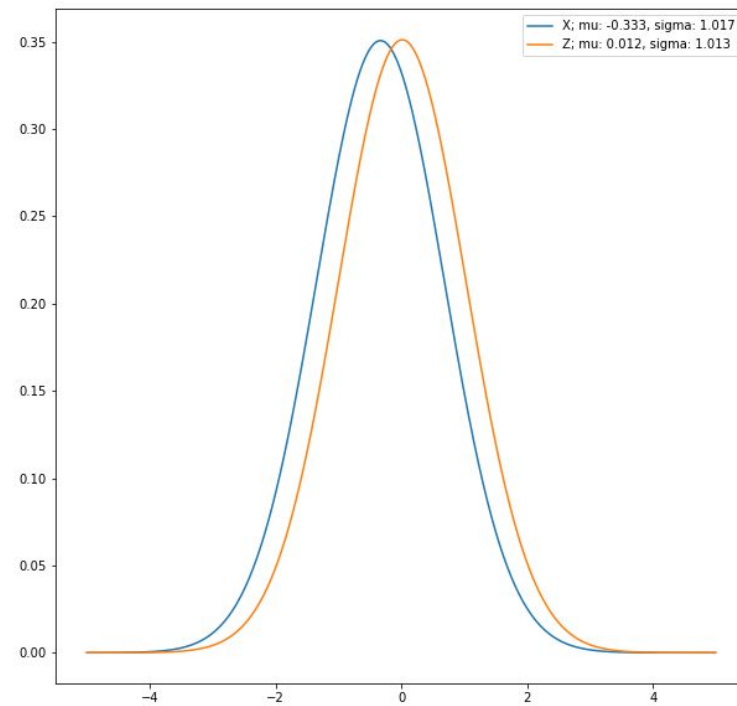
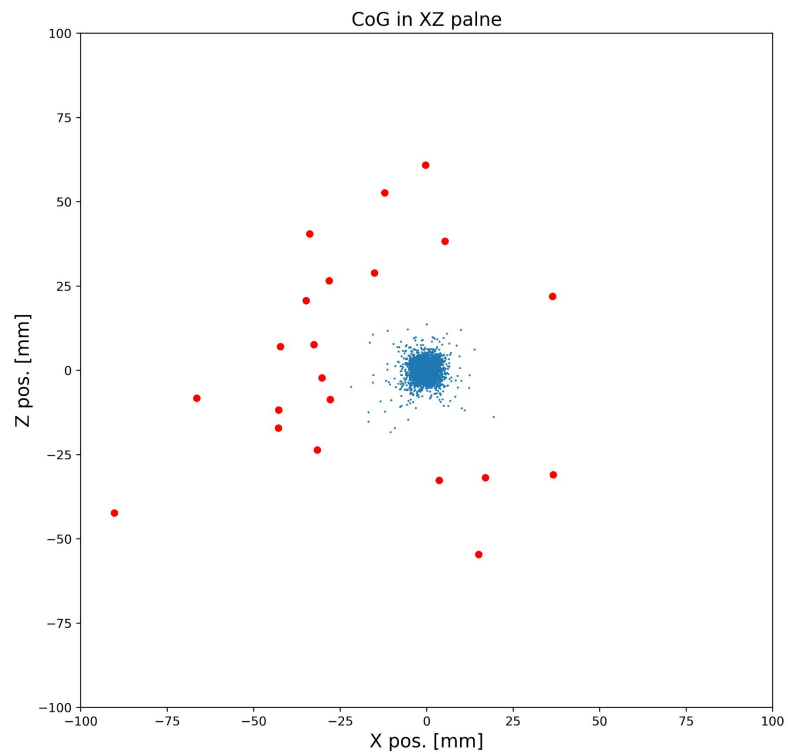
regular grid **placed at CoG**



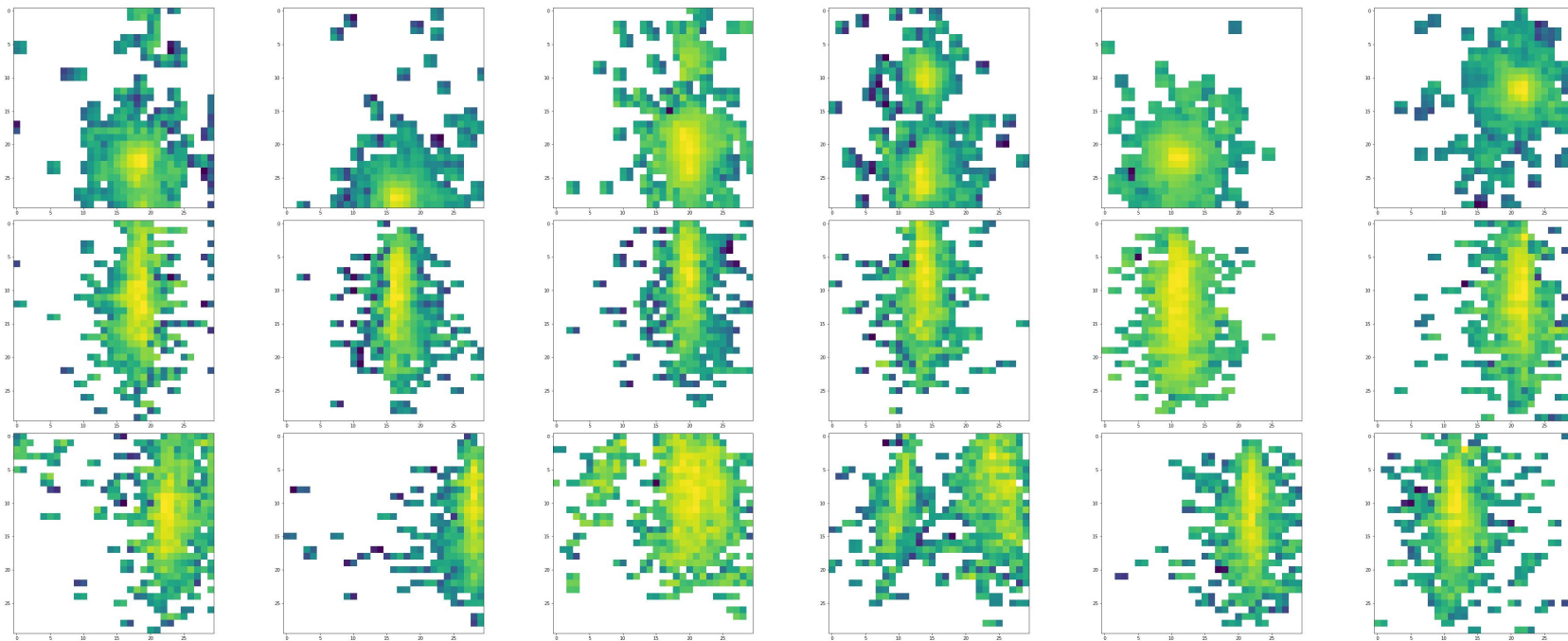
# Distributions Check



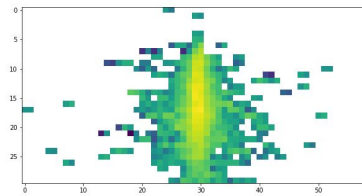
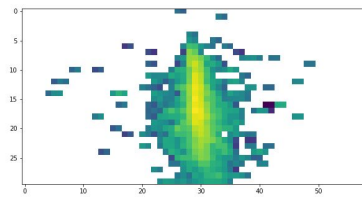
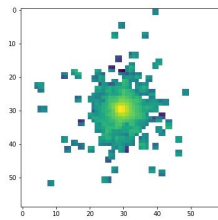
# Outliers



# Outliers



# Angular Showers



# Angular Showers

