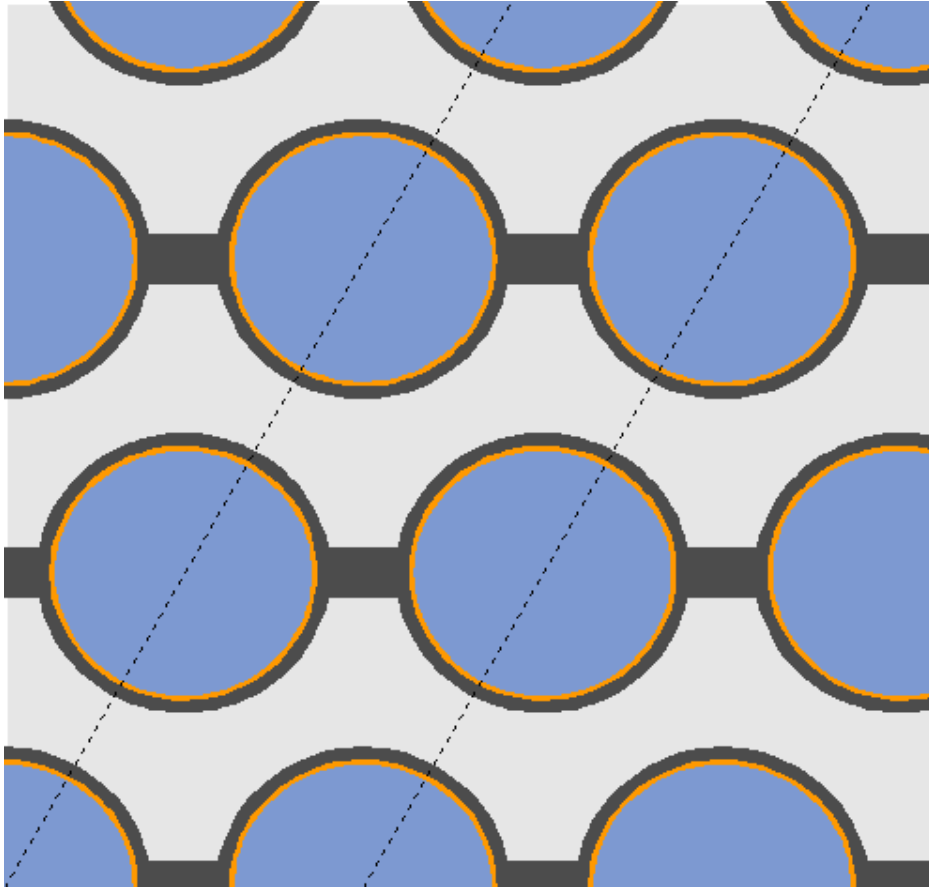
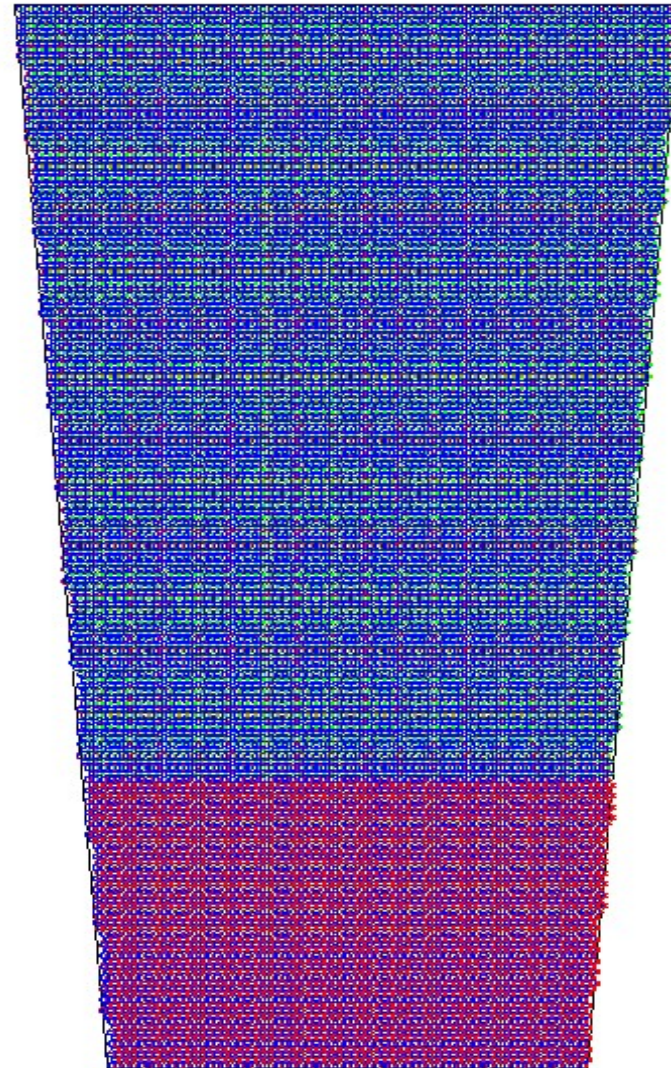
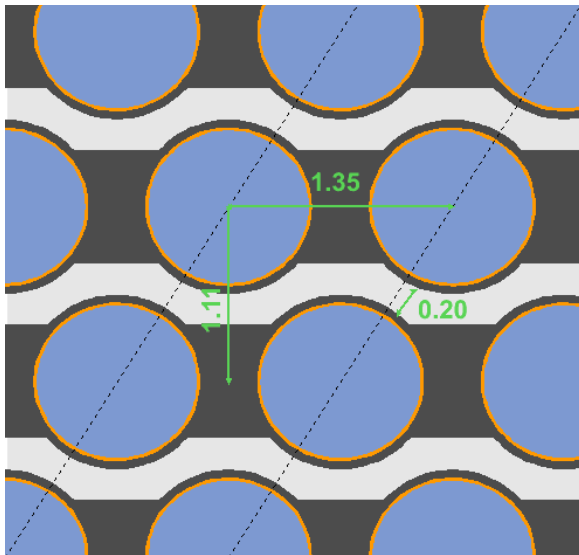
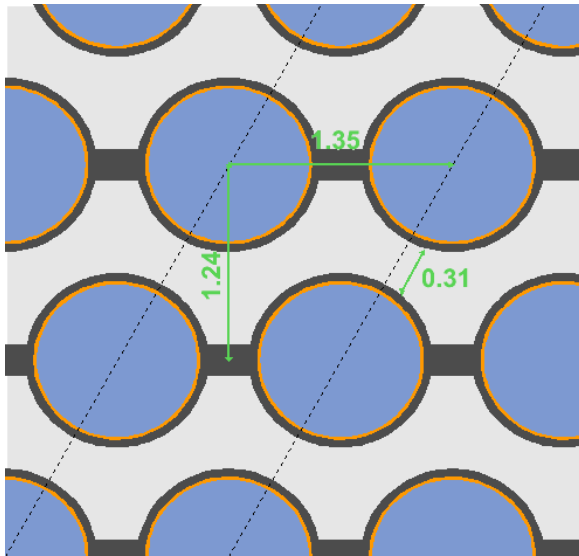


# Study on GlueX BCAL geometry configuration

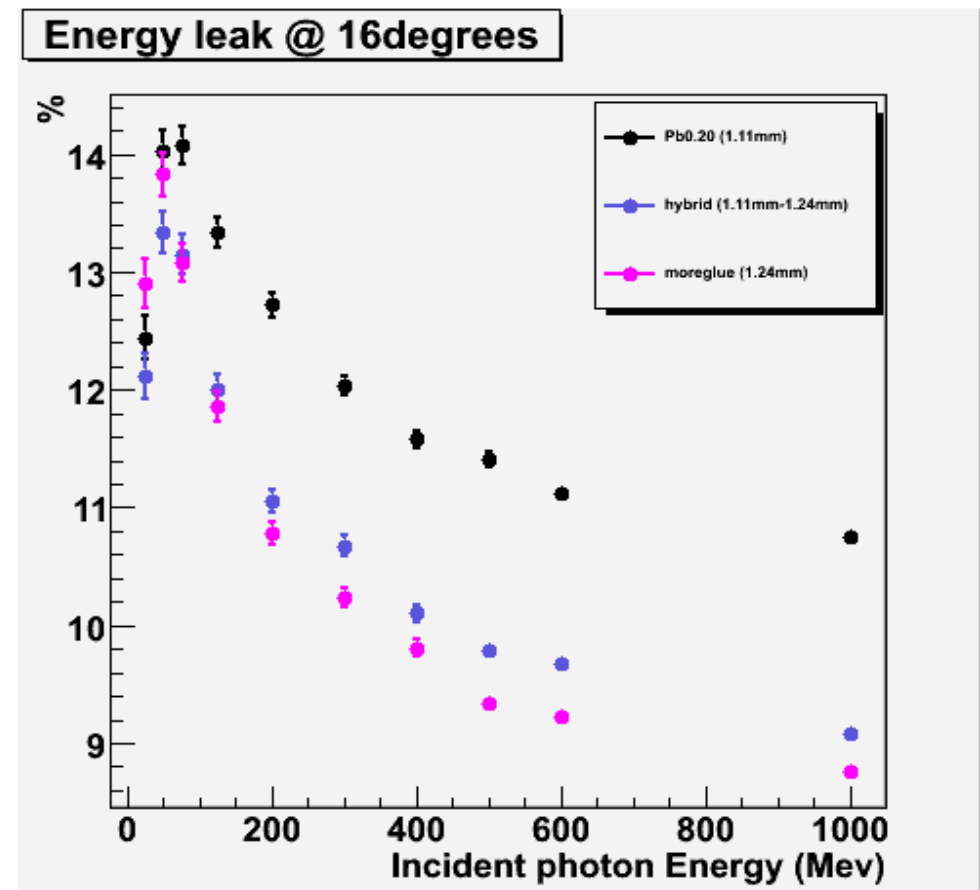
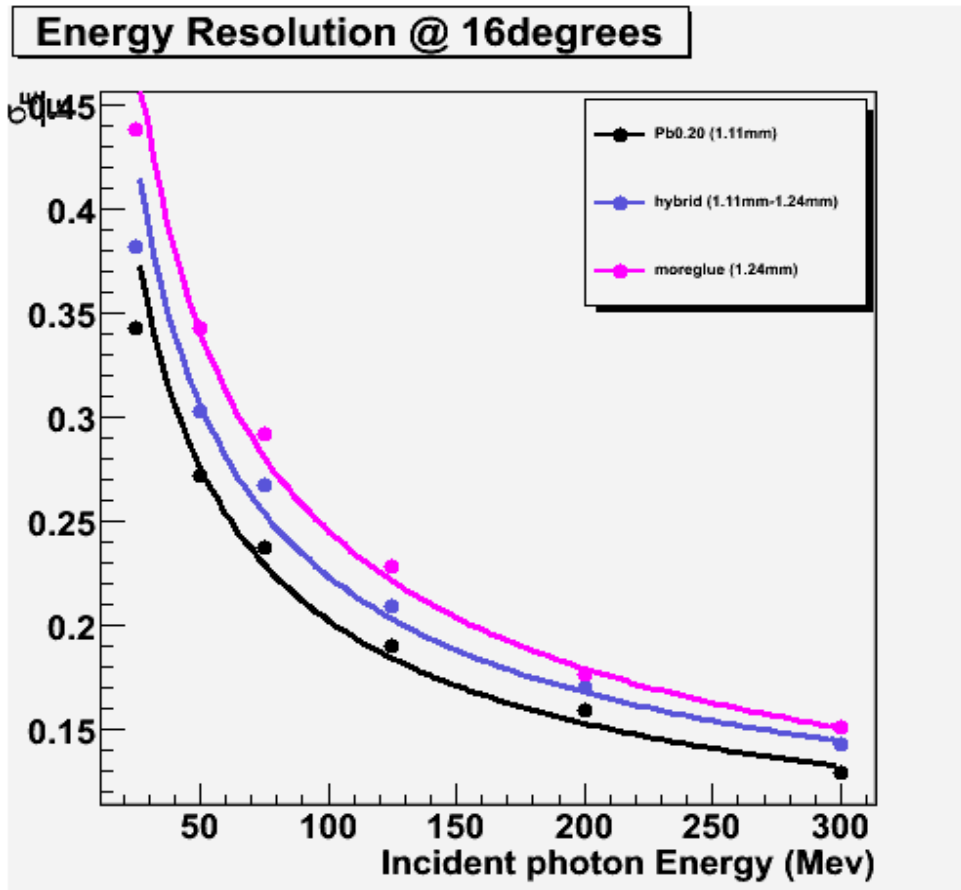


- The GlueX BCAL is intended to be efficient in detecting particles with energy as low as 40MeV, as well as others with energy as high as 2GeV.
- Efficiently detecting low energy particles entering the BCAL requires very good resolution.
- On the other hand, detecting high energy particles require also high density material.
- Trying to find an alternative solution to achieve both of the above is the goal of this study.

# Geometry Configurations



# Energy Resolution @ 16°



# Energy Resolution @ 90°

