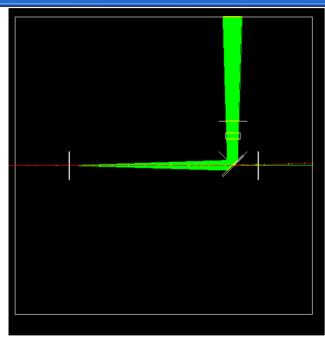
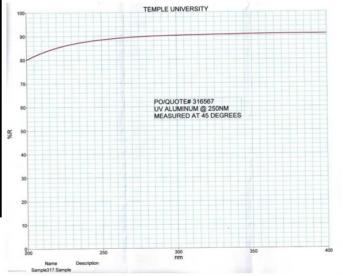
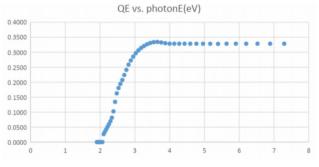


Shoot an electron



Shoot an electron at -10*m energy 3*GeV Around 200 Cerenkov photons. PMT recorded: around 50

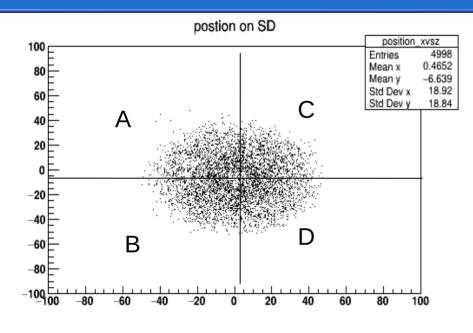




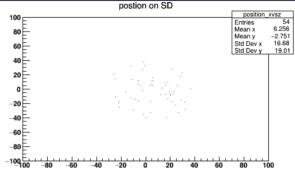
PMT Quantum Efficiency

Mirror reflection

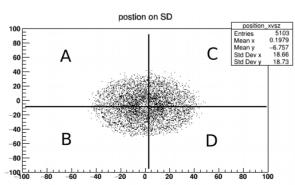
Position on PMT perfect condition



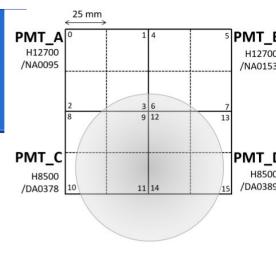
Shoot 100 electrons at 3GeV



Shoot 1 electron at 3GeV



Shoot 100 electron at 5GeV



Small angle for electron

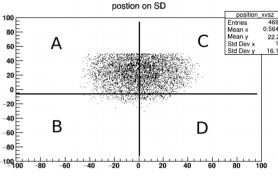
Reference: Mean x: 0.46 Mean y: -6

along y

postion on SD

 $\Theta = 0.18$ degree

 θ = 0.35degree

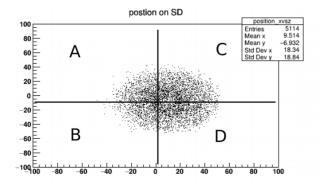


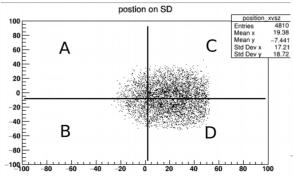
 $\theta = 0.54$ degree

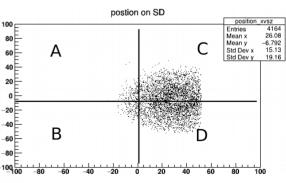
along x

Shoot from

10*m away

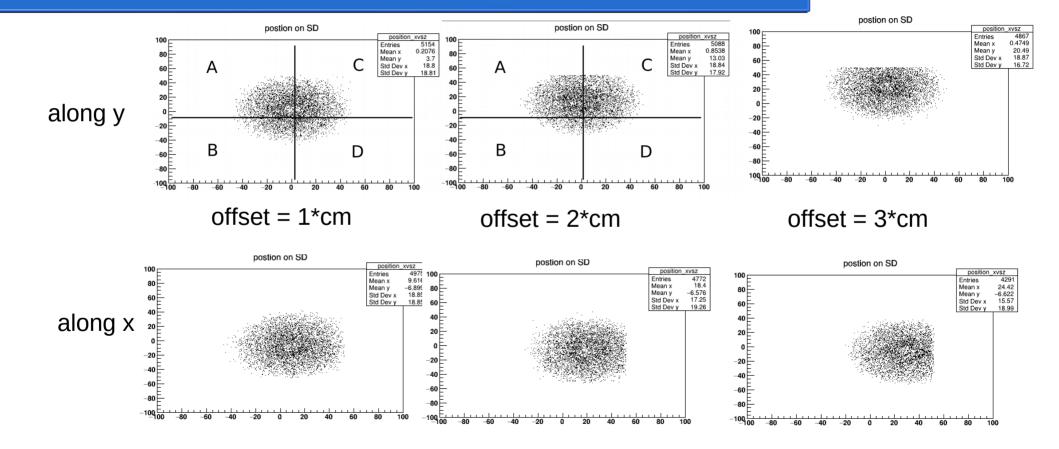






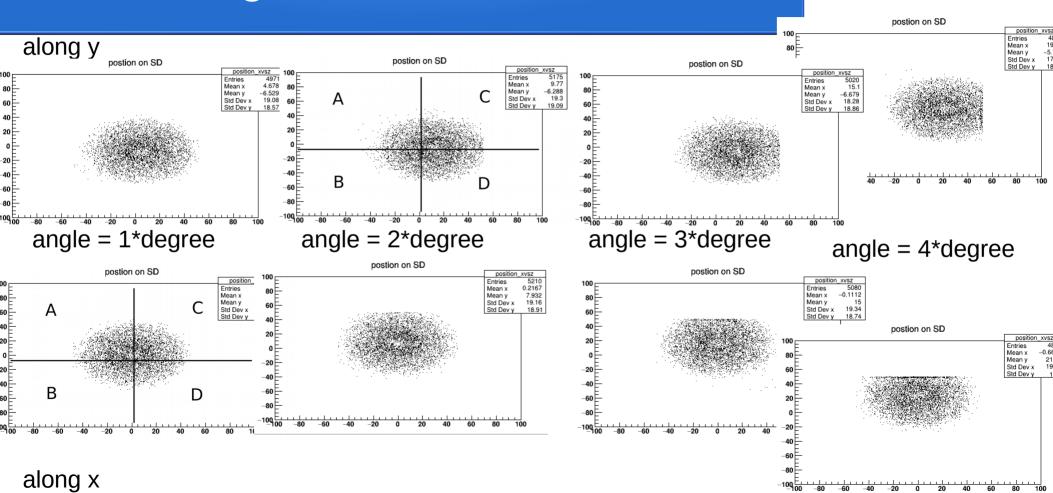
Small offset for electron

Reference: Mean x: 0.46 Mean y: -6

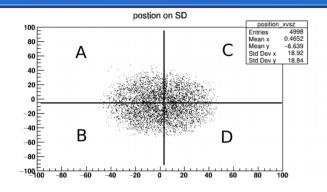


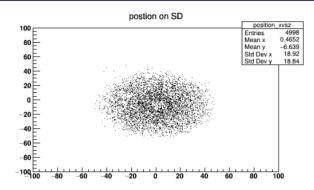
Mirror angle

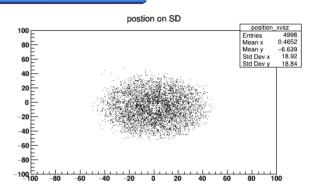
Reference: Mean x: 0.46 Mean y: -6



Mirror angle z

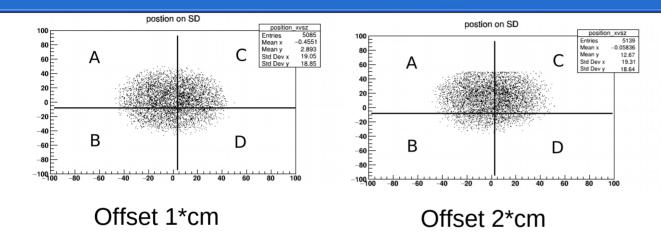








Mirror position z



Mirror position x and y shouldn't matter