





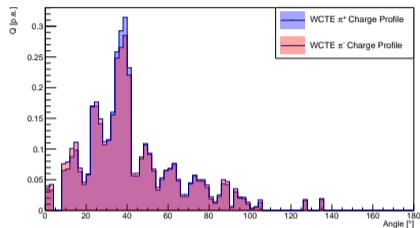
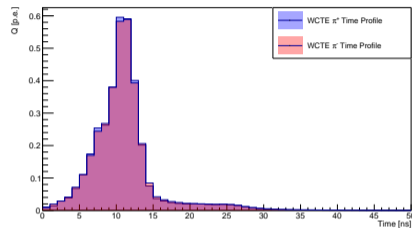
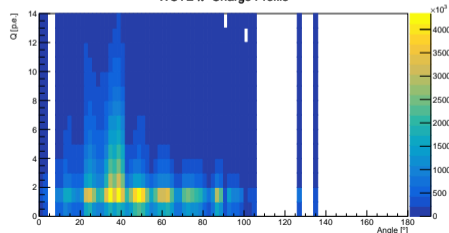
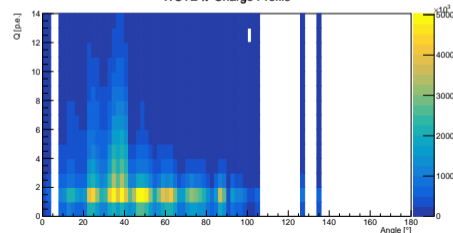




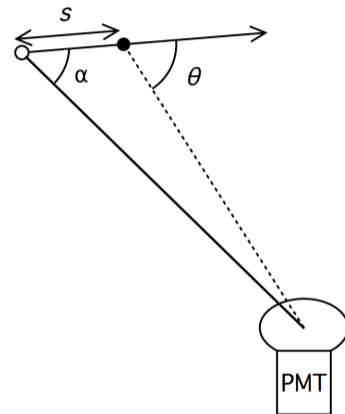
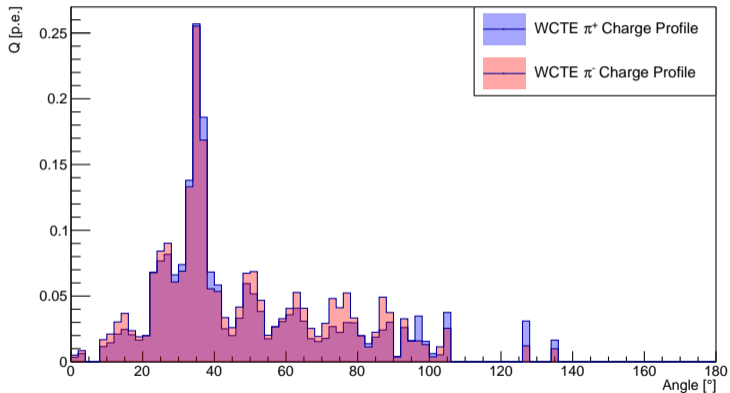




## Charge and Time Profile, all pions

WCTE  $\pi^{\pm}$  Charge ProfileWCTE  $\pi^{\pm}$  Time ProfileWCTE  $\pi^+$  Charge ProfileWCTE  $\pi^-$  Charge Profile

## Charge Profile, Pion from 309.5 MeV to 350 MeV momentum

WCTE  $\pi^\pm$  Charge ProfileFigure: Charge [p.e.] profile in function of PMT direction [ $^\circ$ ]Figure: PMT direction  $\alpha$  used for Charge profile



## Charge Profile, Pion from 350 MeV to 400 MeV momentum

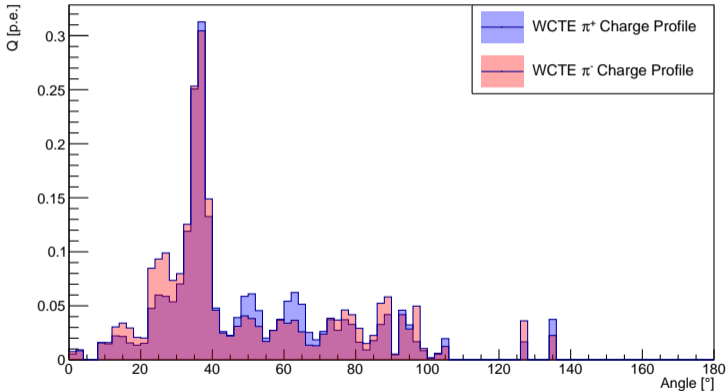
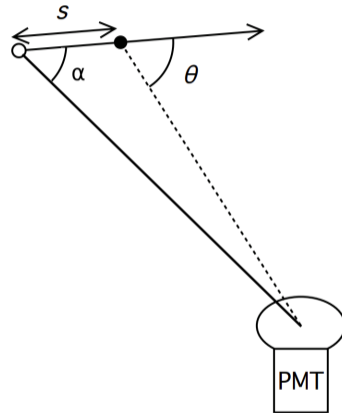
WCTE  $\pi^{\pm}$  Charge Profile

Figure: Charge [p.e.] profile in function of PMT direction [°]

Figure: PMT direction  $\alpha$  used for Charge profile

## Charge Profile, Pion from 400 MeV to 450 MeV momentum

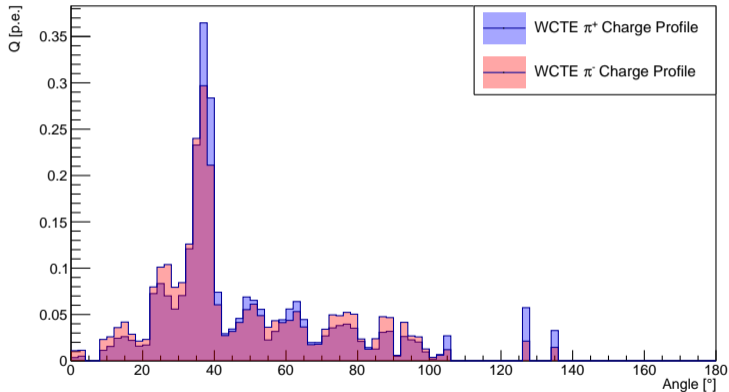
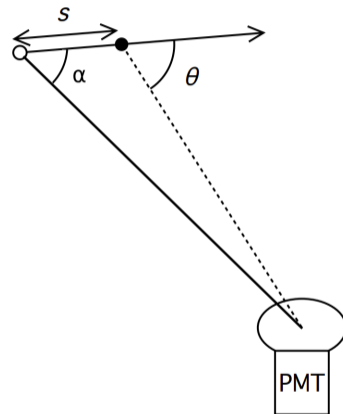
WCTE  $\pi^\pm$  Charge Profile

Figure: Charge [p.e.] profile in function of PMT direction [°]

Figure: PMT direction  $\alpha$  used for Charge profile



# Charge Profile, Pion from 500 MeV to 550 MeV momentum

### WCTE $\pi^\pm$ Charge Profile

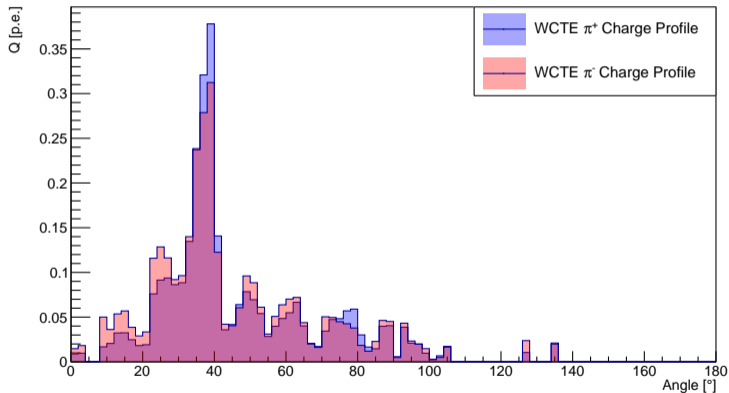


Figure: Charge [p.e.] profile in function of PMT direction [°]

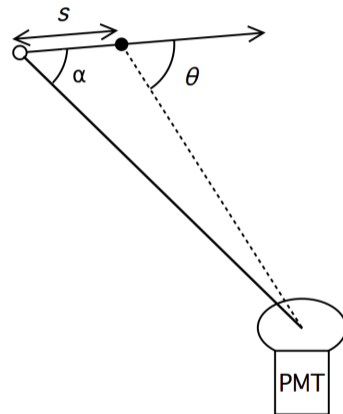


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 550 MeV to 600 MeV momentum

### WCTE $\pi^\pm$ Charge Profile

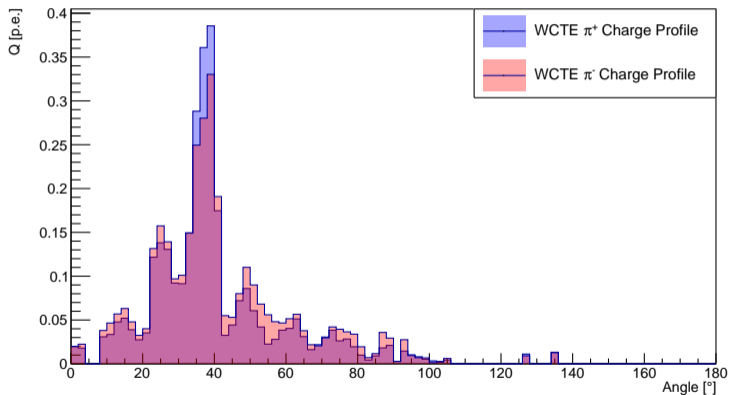


Figure: Charge [p.e.] profile in function of PMT direction [°]

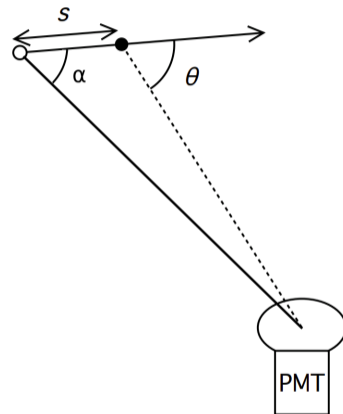


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 600 MeV to 650 MeV momentum

### WCTE $\pi^\pm$ Charge Profile

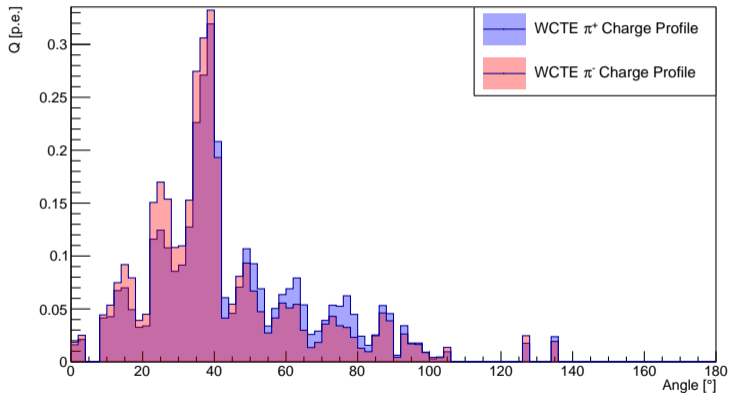


Figure: Charge [p.e.] profile in function of PMT direction [°]

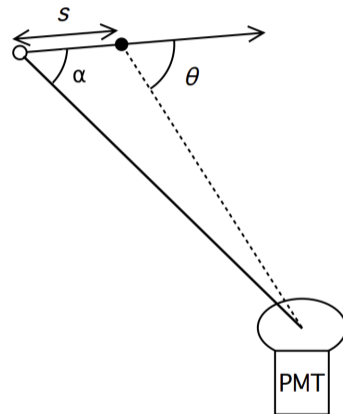


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 650 MeV to 700 MeV momentum

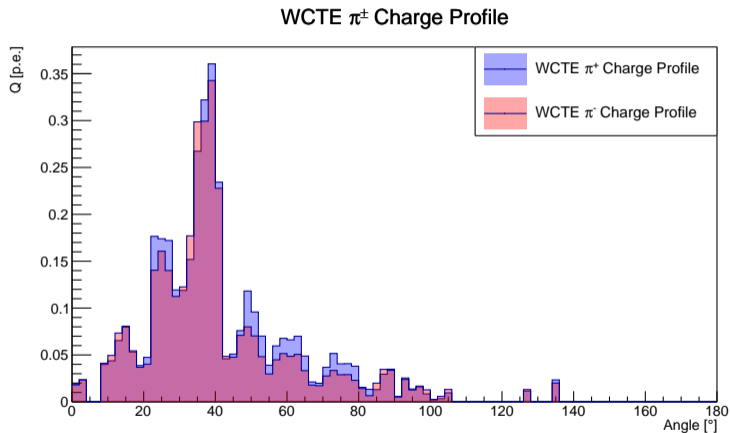


Figure: Charge [p.e.] profile in function of PMT direction [°]

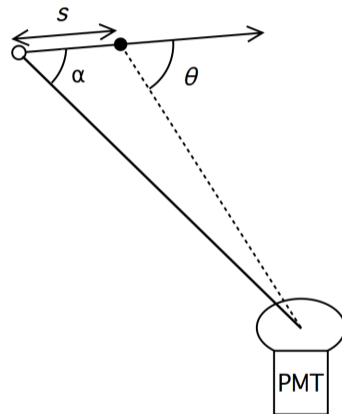


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 700 MeV to 750 MeV momentum

### WCTE $\pi^\pm$ Charge Profile

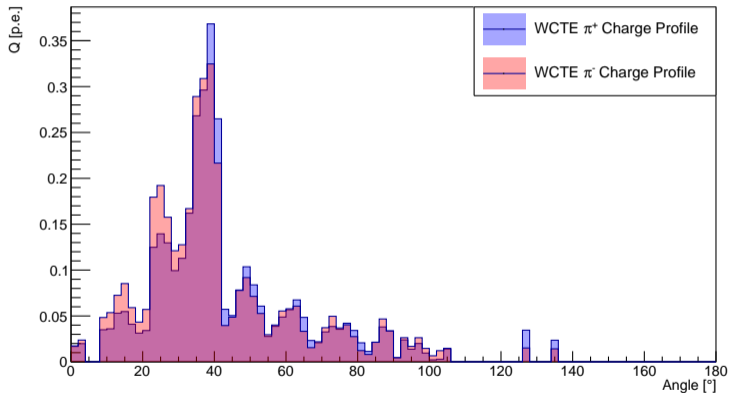


Figure: Charge [p.e.] profile in function of PMT direction [°]

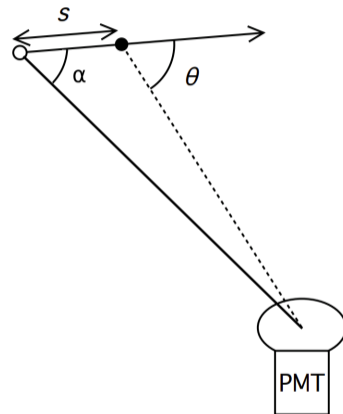


Figure: PMT direction  $\alpha$  used for Charge profile



# Charge Profile, Pion from 750 MeV to 800 MeV momentum

### WCTE $\pi^\pm$ Charge Profile

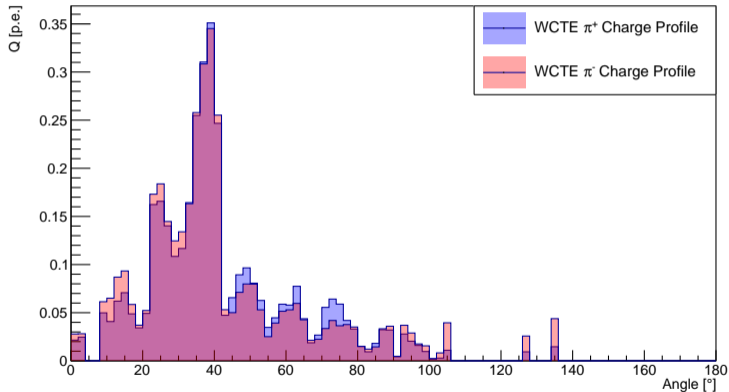


Figure: Charge [p.e.] profile in function of PMT direction [°]

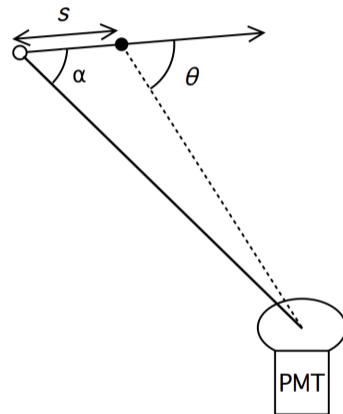


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 800 MeV to 850 MeV momentum

### WCTE $\pi^\pm$ Charge Profile

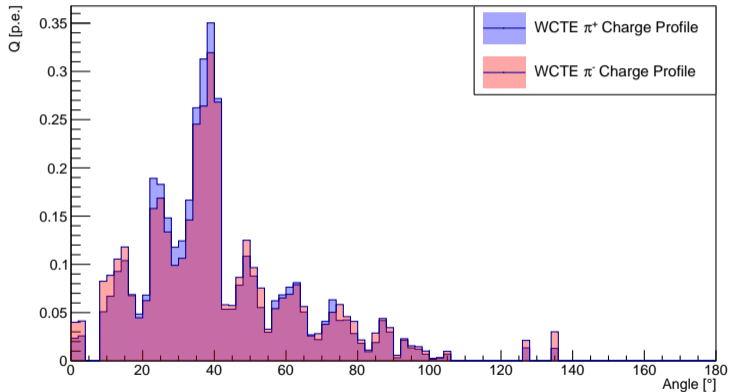


Figure: Charge [p.e.] profile in function of PMT direction [°]

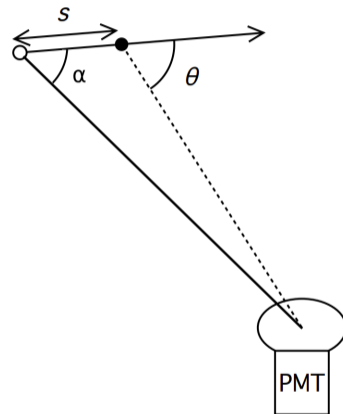


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 850 MeV to 900 MeV momentum

## WCTE $\pi^\pm$ Charge Profile

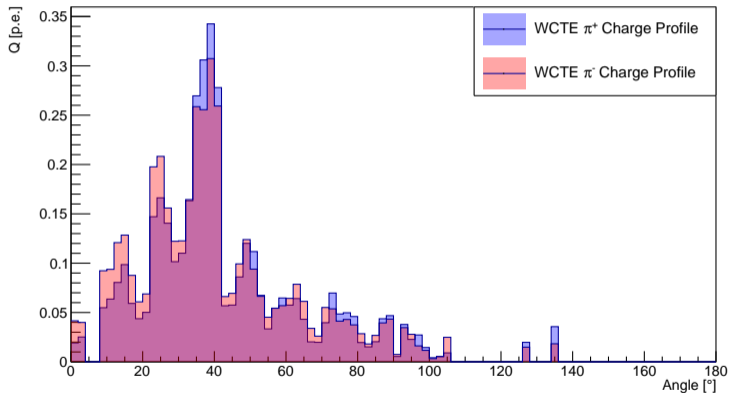


Figure: Charge [p.e.] profile in function of PMT direction [°]

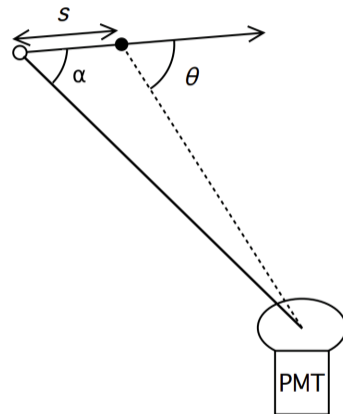


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 900 MeV to 950 MeV momentum

## WCTE $\pi^\pm$ Charge Profile

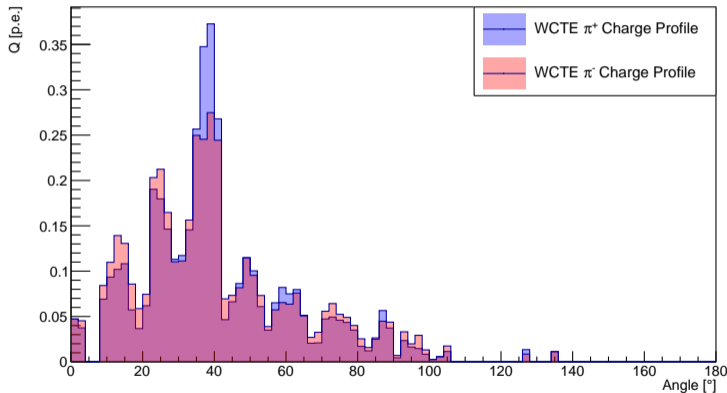


Figure: Charge [p.e.] profile in function of PMT direction [°]

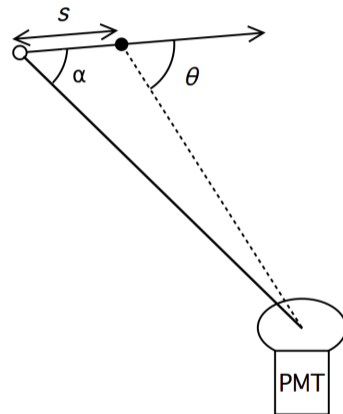


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 950 MeV to 1000 MeV momentum

### WCTE $\pi^\pm$ Charge Profile

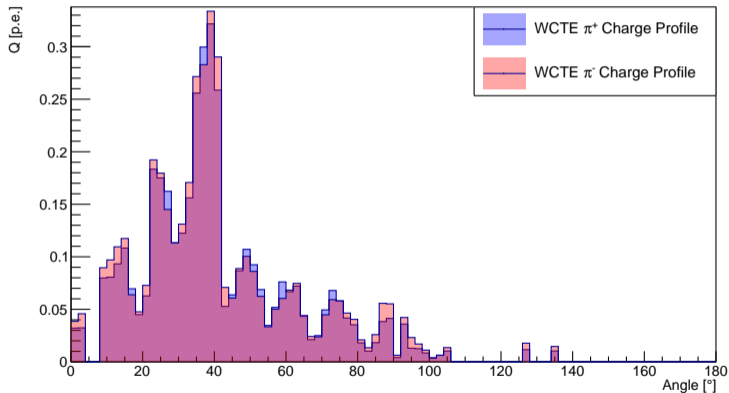


Figure: Charge [p.e.] profile in function of PMT direction [°]

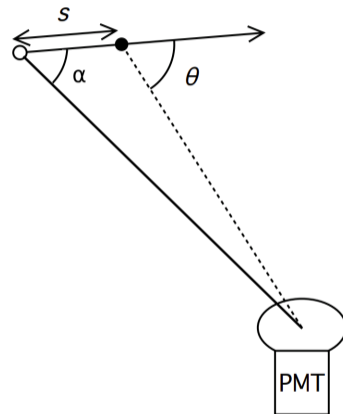


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 1000 MeV to 1050 MeV momentum

### WCTE $\pi^\pm$ Charge Profile

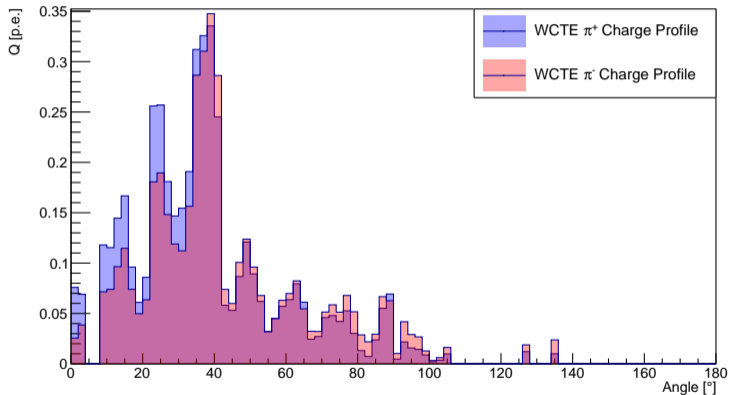


Figure: Charge [p.e.] profile in function of PMT direction [°]

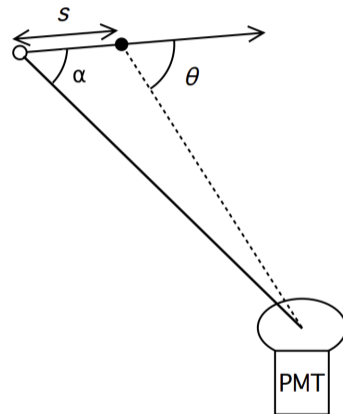


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 1050 MeV to 1100 MeV momentum

## WCTE $\pi^\pm$ Charge Profile

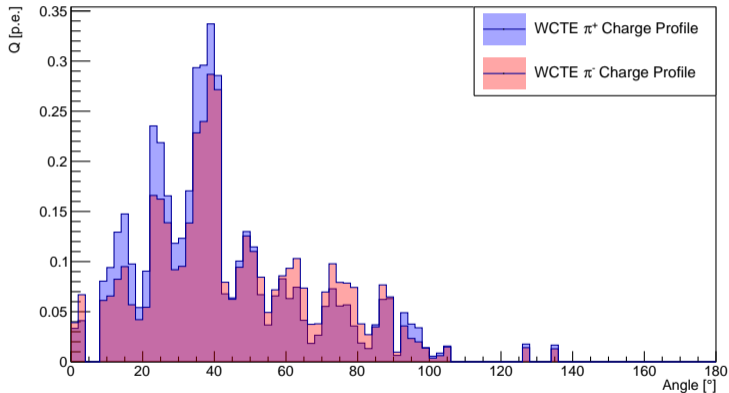


Figure: Charge [p.e.] profile in function of PMT direction [°]

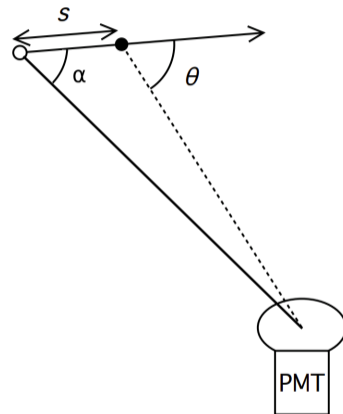


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 1100 MeV to 1150 MeV momentum

## WCTE $\pi^\pm$ Charge Profile

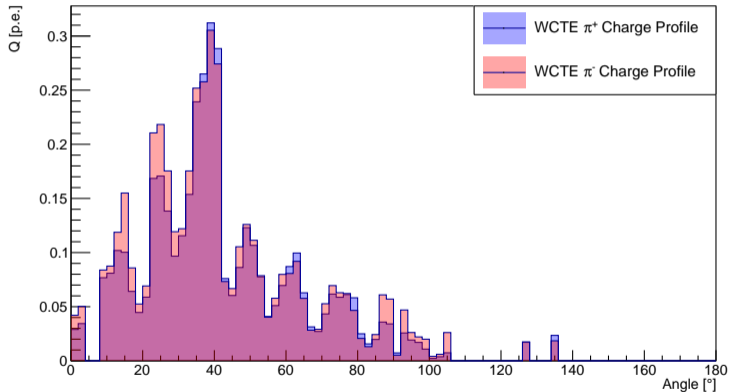


Figure: Charge [p.e.] profile in function of PMT direction [°]

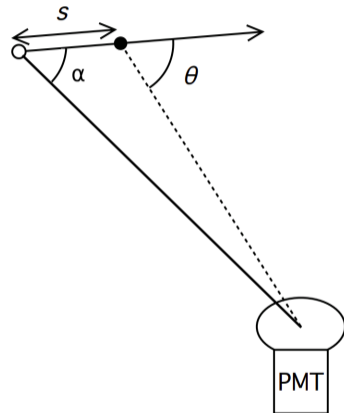


Figure: PMT direction  $\alpha$  used for Charge profile



## Charge Profile, Pion from 1150 MeV to 1200 MeV momentum

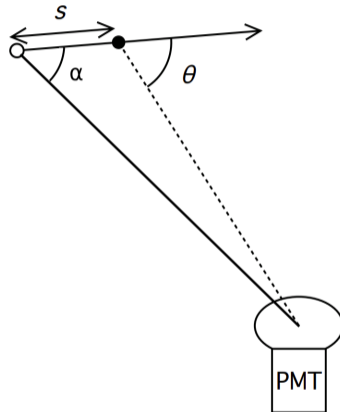
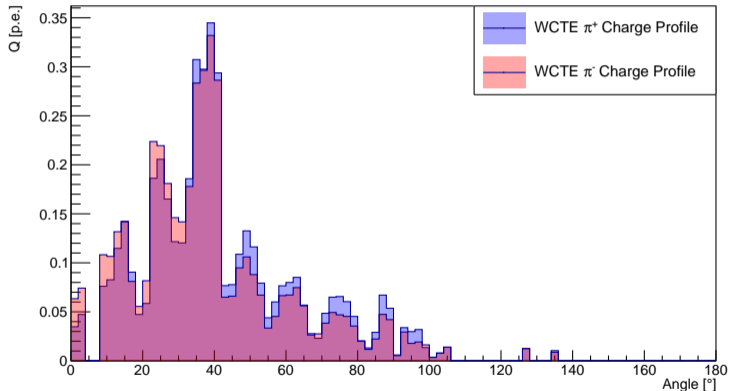
WCTE  $\pi^\pm$  Charge Profile

Figure: Charge [p.e.] profile in function of PMT direction [°]

Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 1200 MeV to 1250 MeV momentum

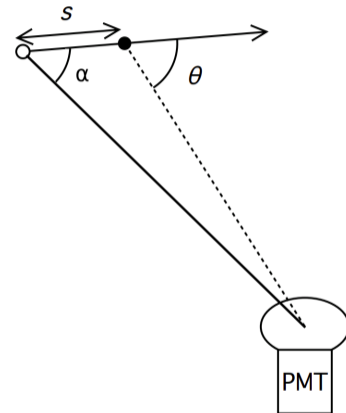
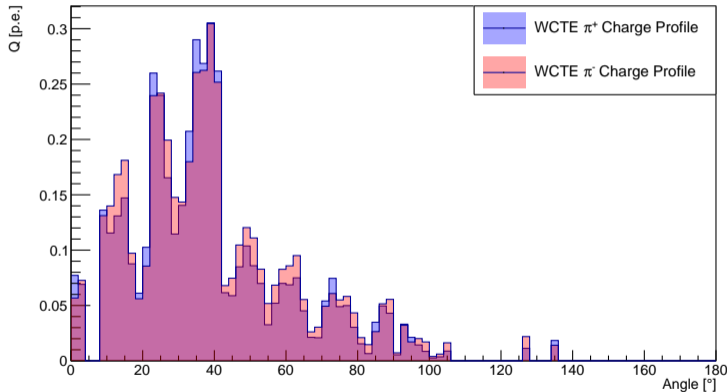
WCTE  $\pi^\pm$  Charge Profile

Figure: Charge [p.e.] profile in function of PMT direction [°]

Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 1250 MeV to 1300 MeV momentum

WCTE  $\pi^\pm$  Charge Profile

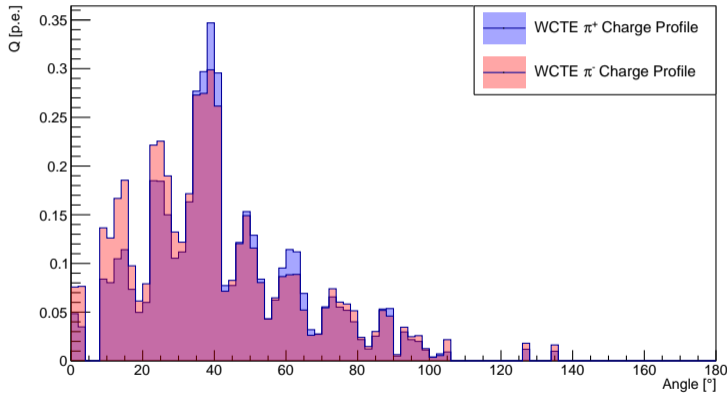


Figure: Charge [p.e.] profile in function of PMT direction [°]

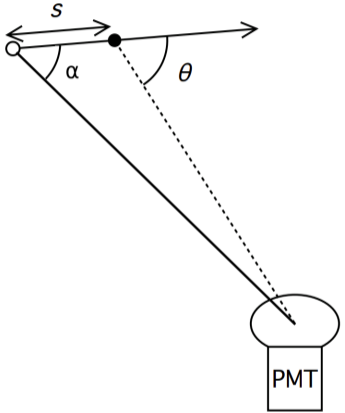


Figure: PMT direction  $\alpha$  used for Charge profile

# Charge Profile, Pion from 1300 MeV to 1332.2 MeV momentum

## WCTE $\pi^\pm$ Charge Profile

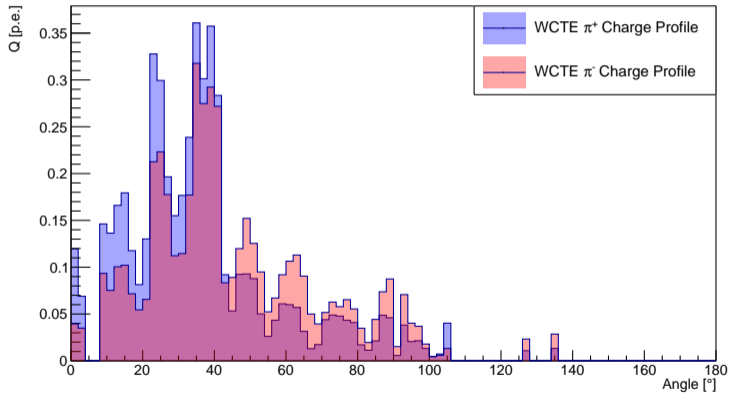


Figure: Charge [p.e.] profile in function of PMT direction [°]

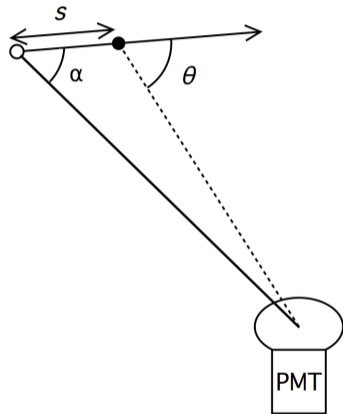


Figure: PMT direction  $\alpha$  used for Charge profile