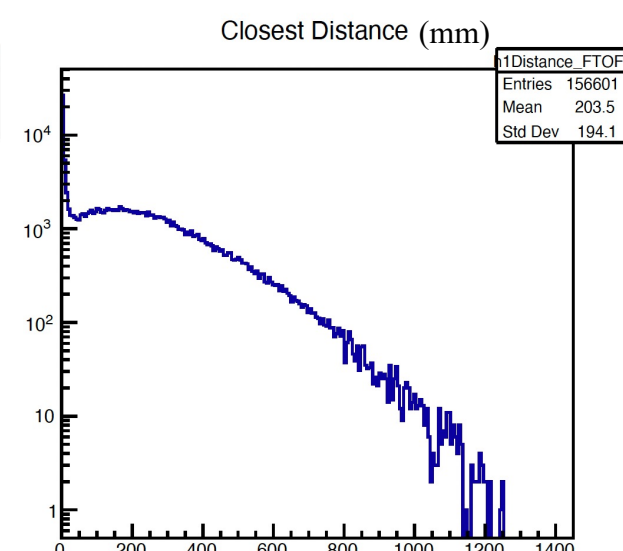
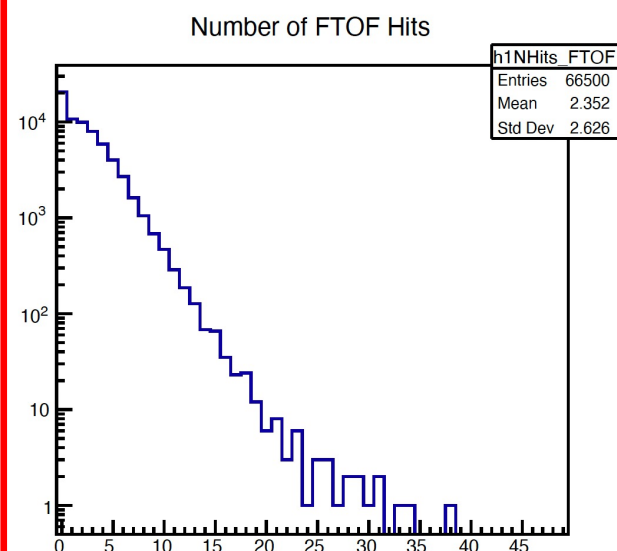
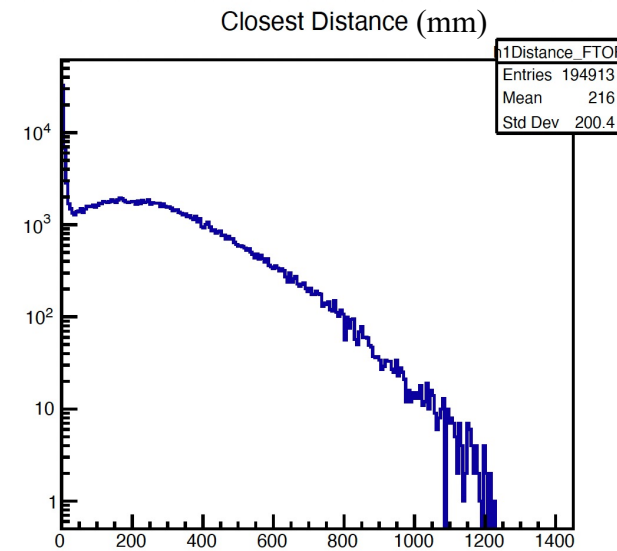
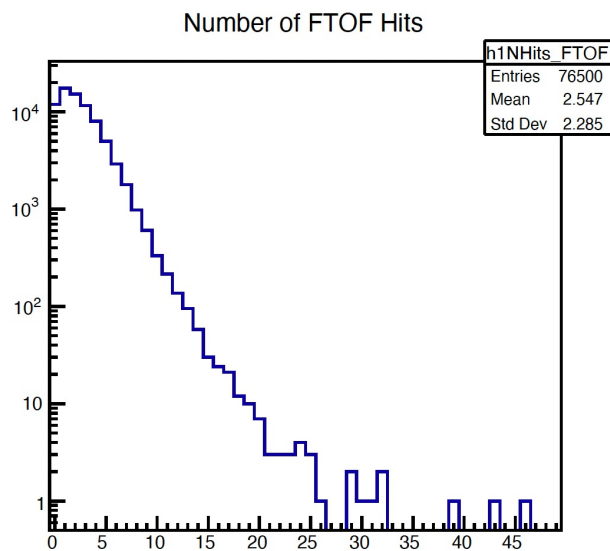
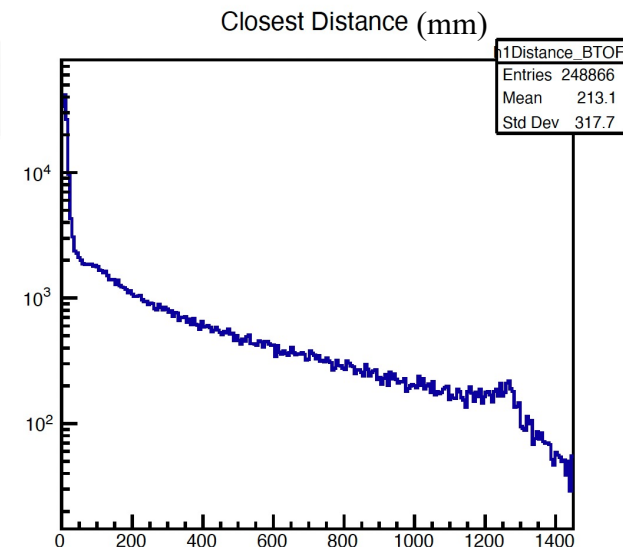
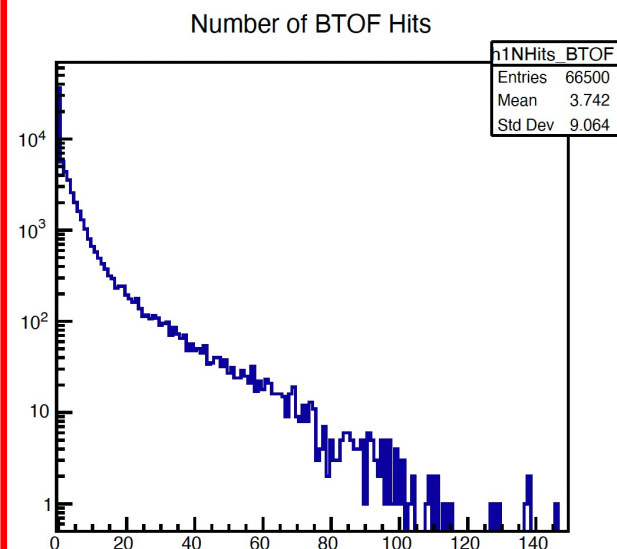
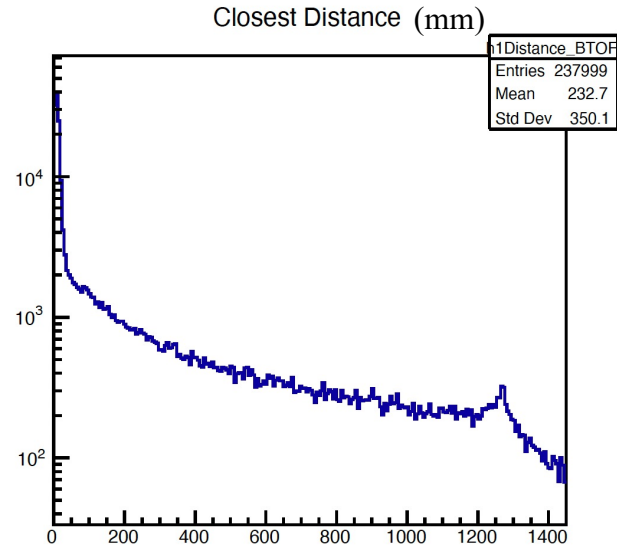
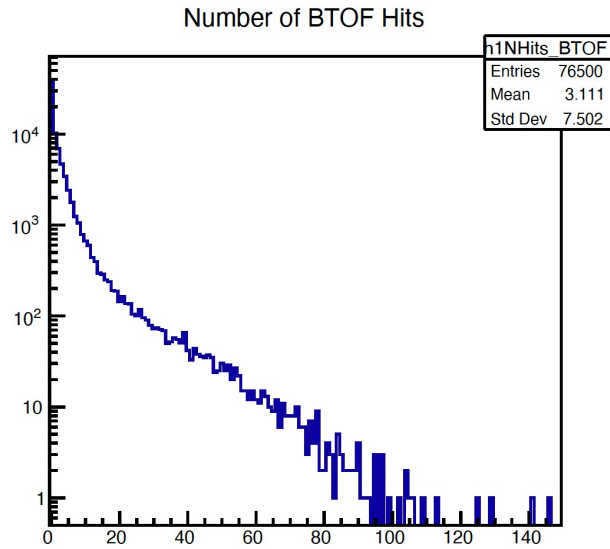


Occupancy and Closest Distance

5x41 GeV NC

18x275 GeV NC



Closest Distance - 18x275 GeV NC

Barrel

Peaks from hits from adjacent modules

Forward

Barrel

Forward

Closest Distance (mm)

Closest Distance (mm)

Closest Distance (mm)

Closest Distance (mm)

h1Distance_BTOF
Entries 248866
Mean 9.327
Std Dev 6.185

h1Distance_FTOF
Entries 156601
Mean 4.081
Std Dev 6.147

h1Distance_BTOF
Entries 248866
Mean 10.88
Std Dev 5.228

h1Distance_FTOF
Entries 156601
Mean 10.6
Std Dev 6.186

h2Hit_Closest

h2Hit_Closest

h2Hit_Closest_BTOF
Entries 248866
Mean x -1.731
Mean y 635.4
Std Dev x 17.06
Std Dev y 3.176

h2Hit_Closest_FTOF
Entries 156601
Mean x 0.2496
Mean y 1920
Std Dev x 227.5
Std Dev y 5.045

$|\Delta t| > 10\text{ps}$

removing hits that cannot be resolved due to limited timing resolution anyway