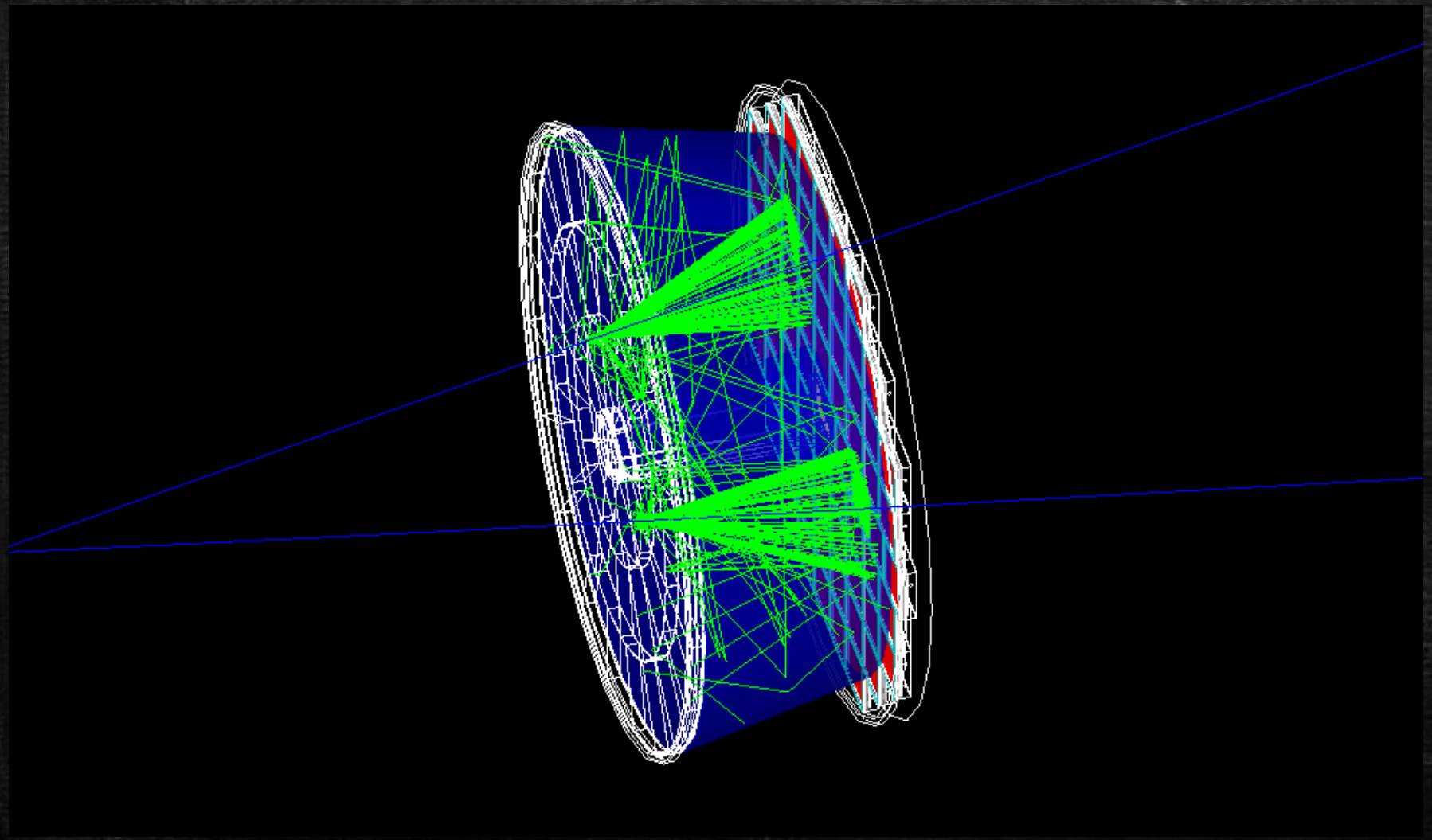
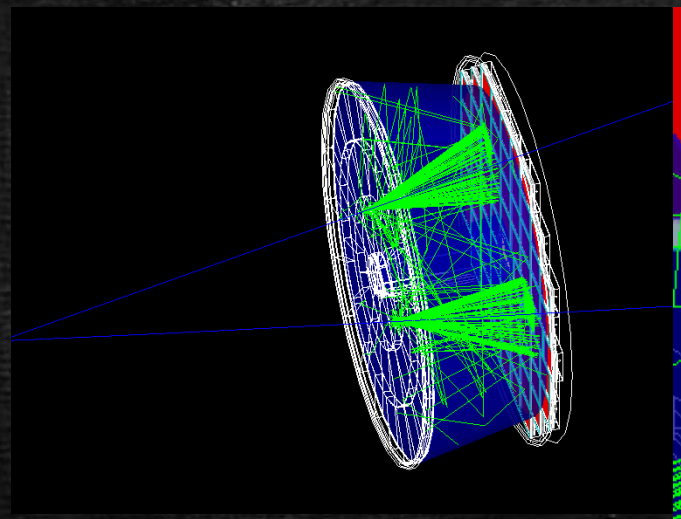
IRT with overlapping pi/K

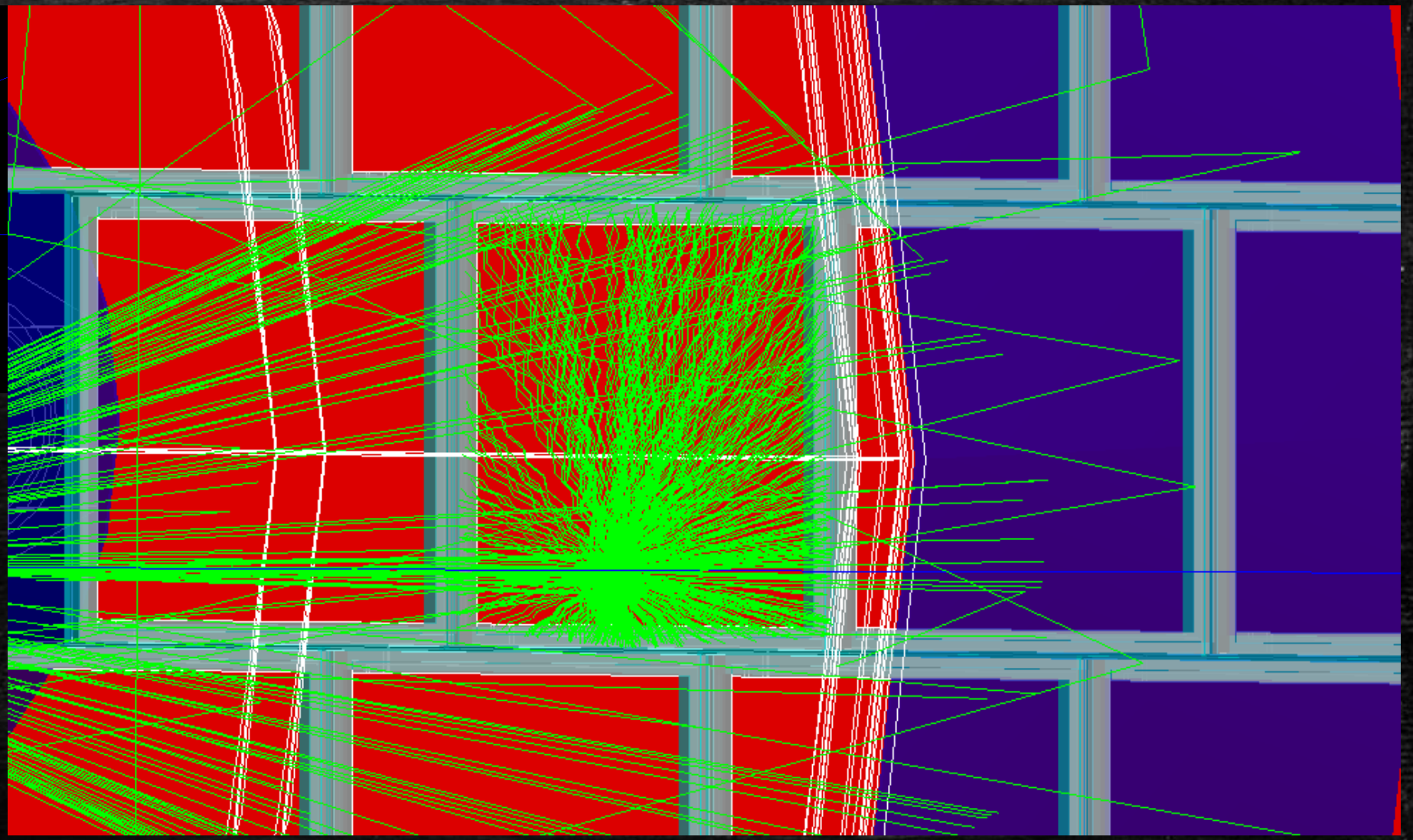
Alexander and Chandra

Event display

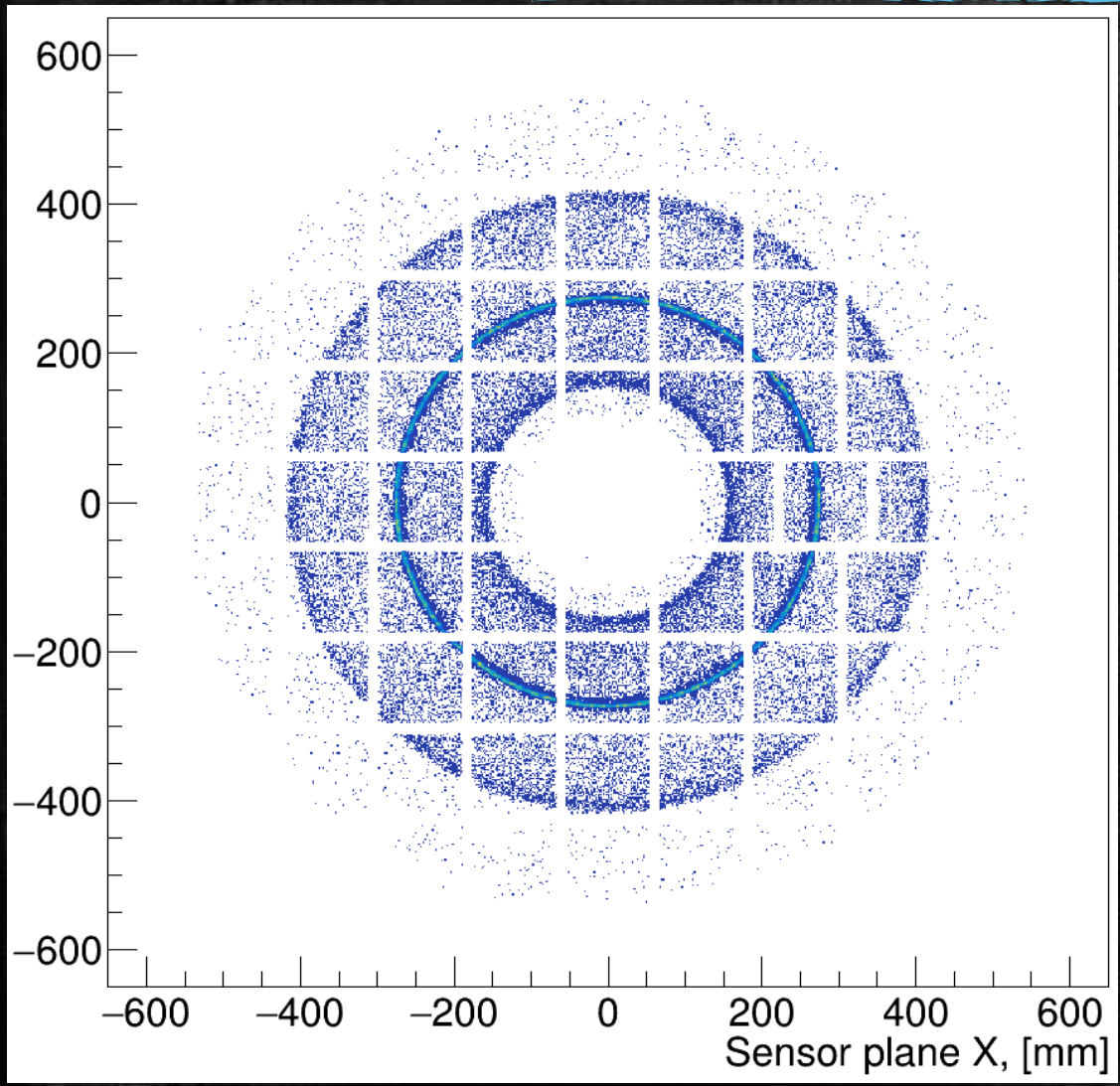


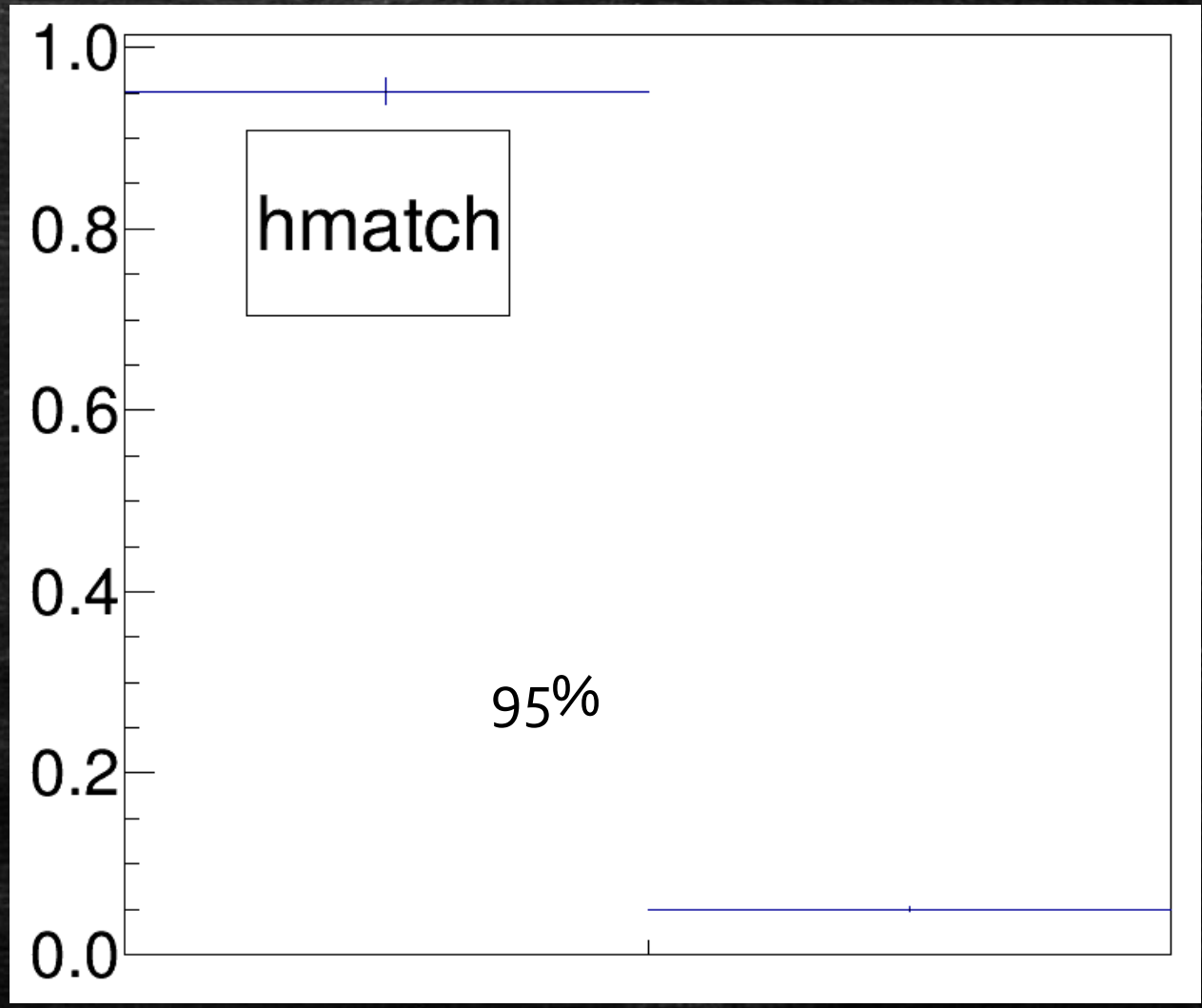
Event display (some tiny bugs need to be fixed)



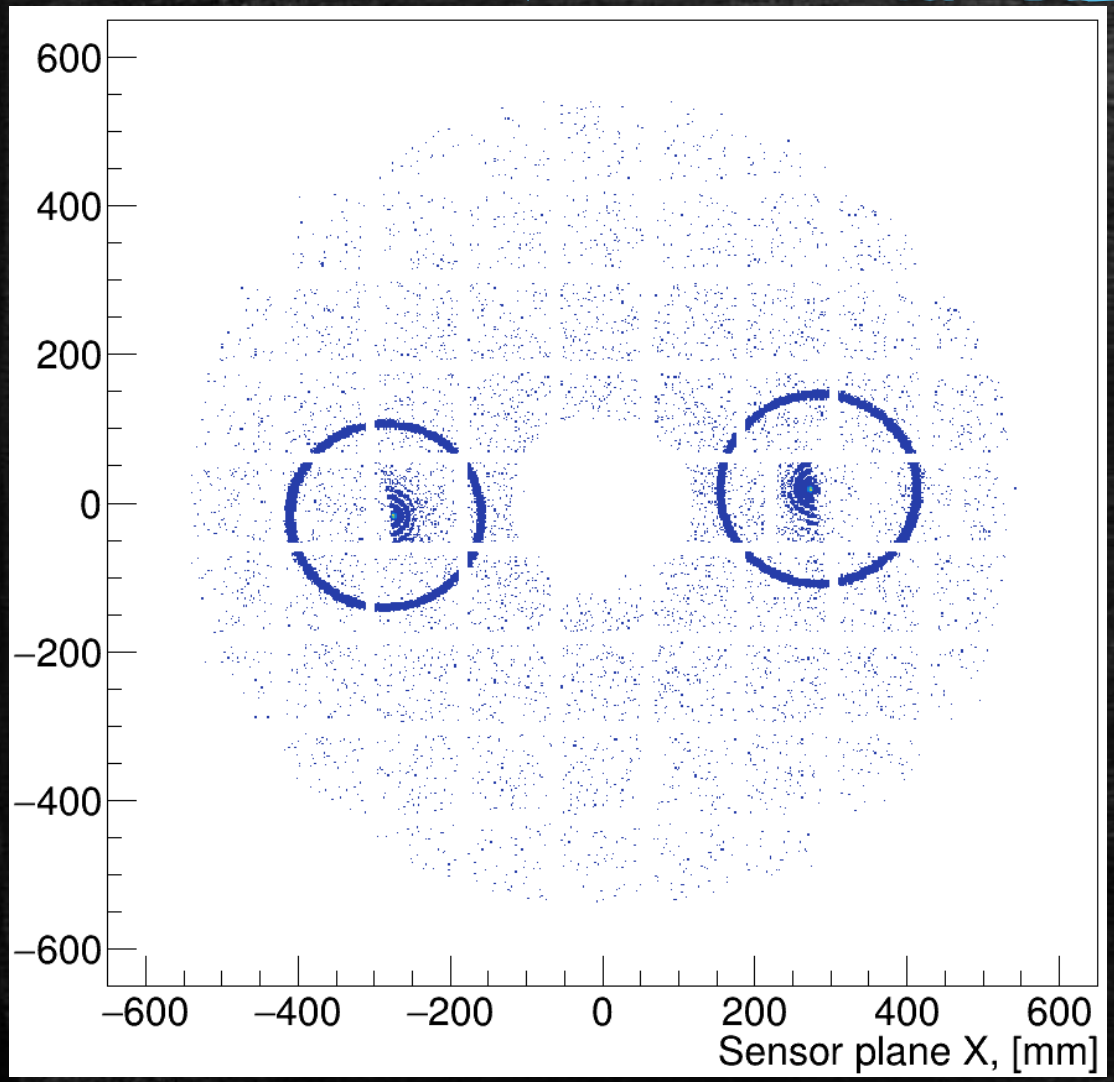


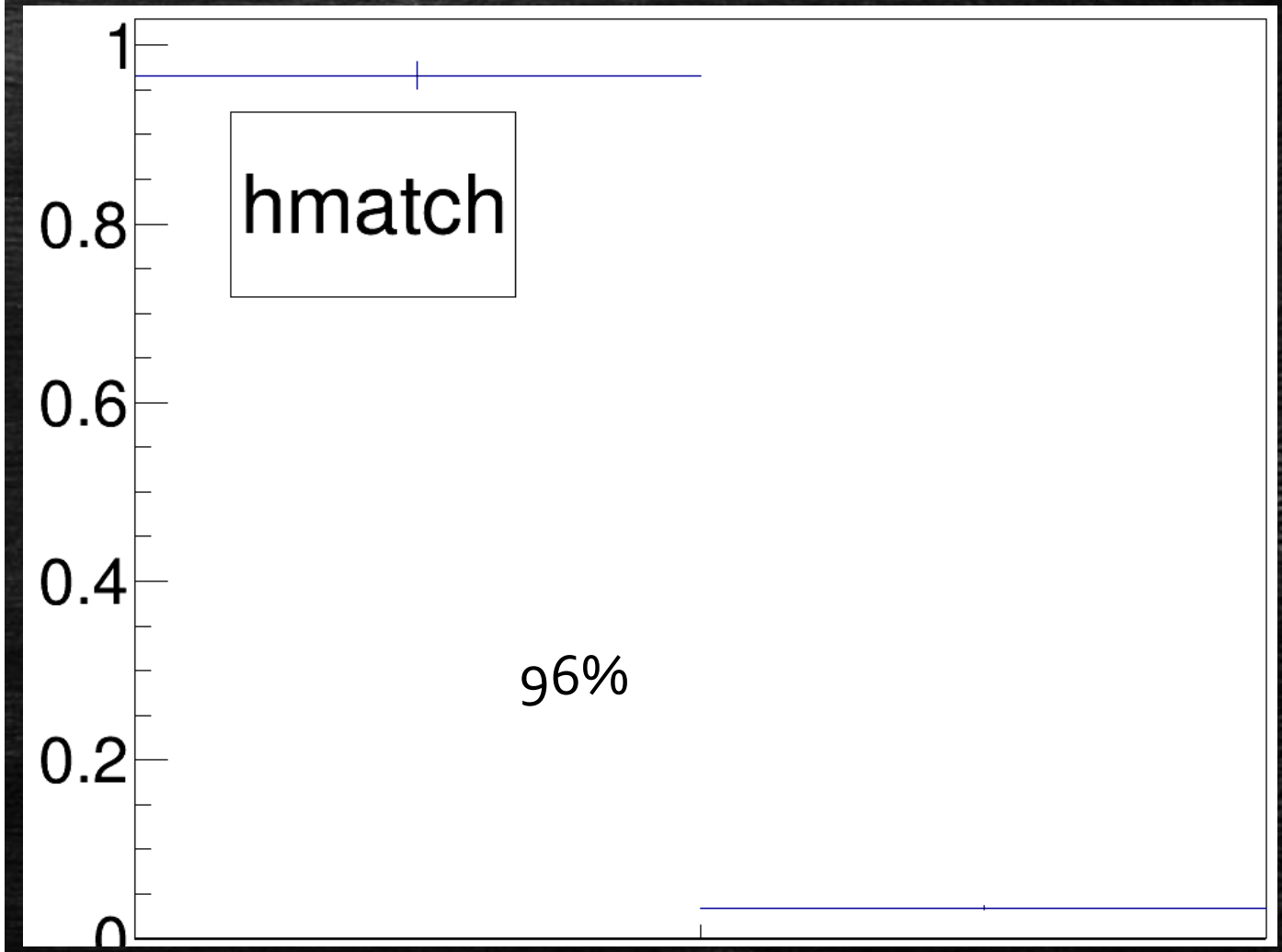
Uniformly distributed pions and kaons



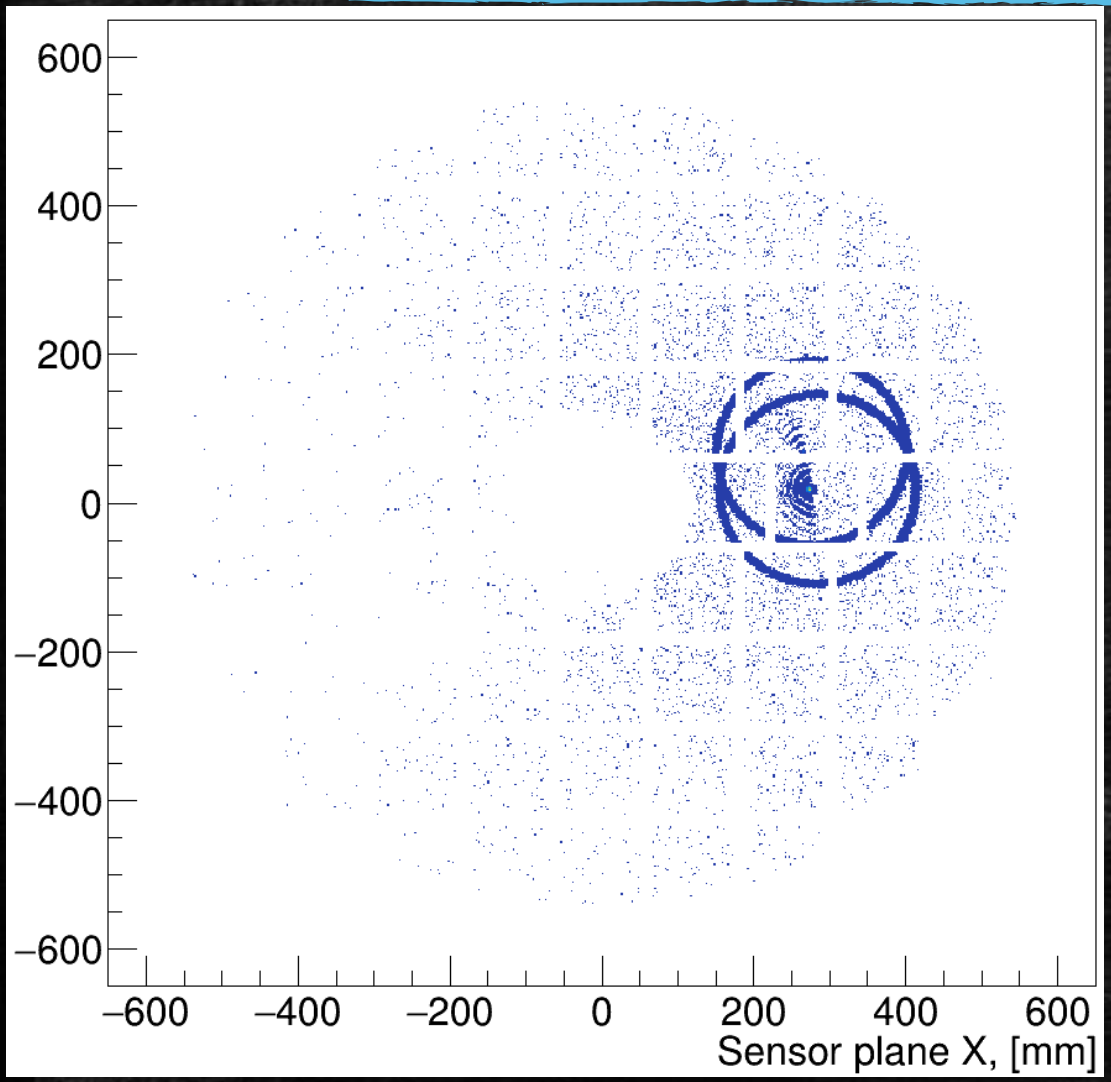


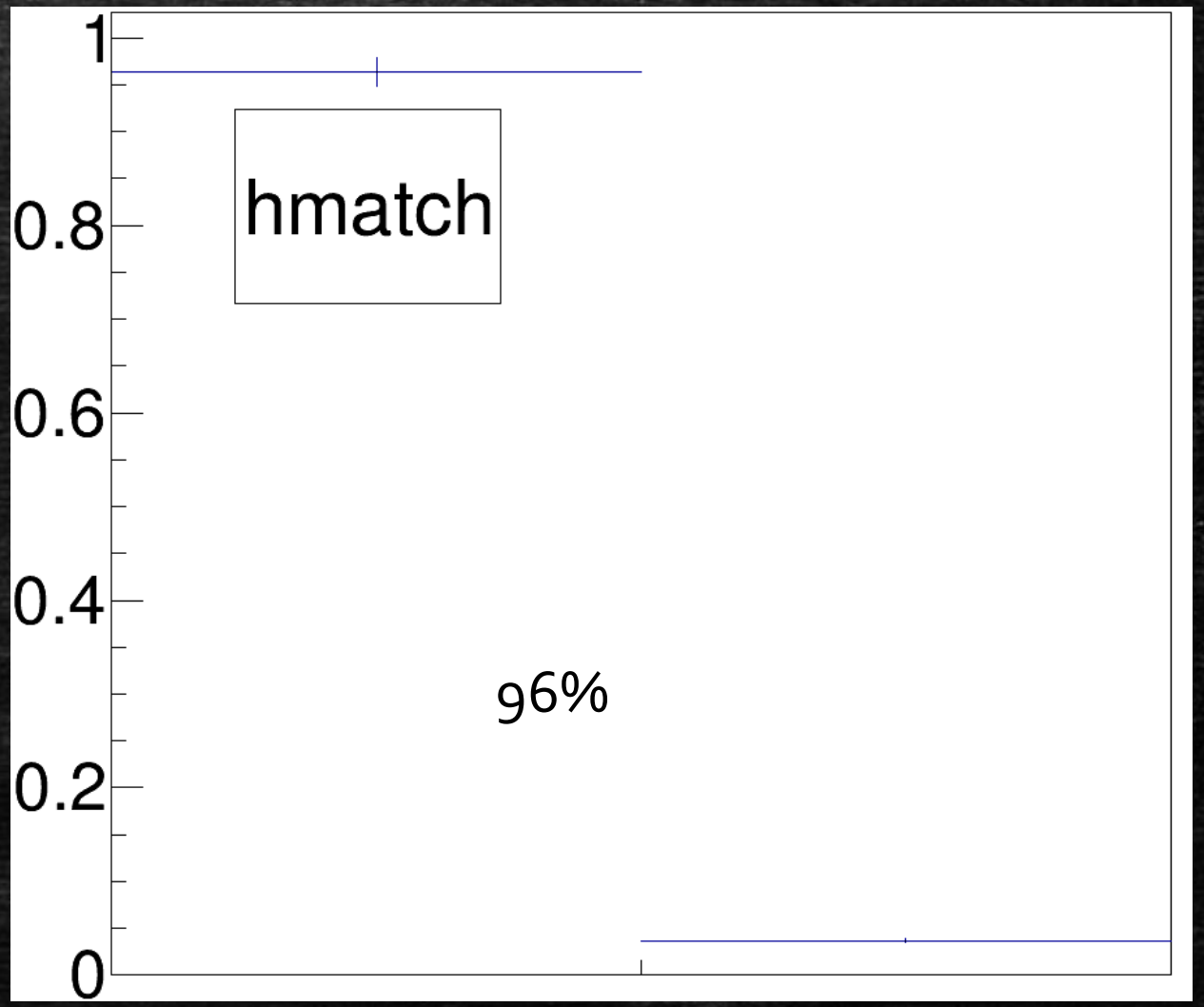
Pions and kaon 180 degree apart



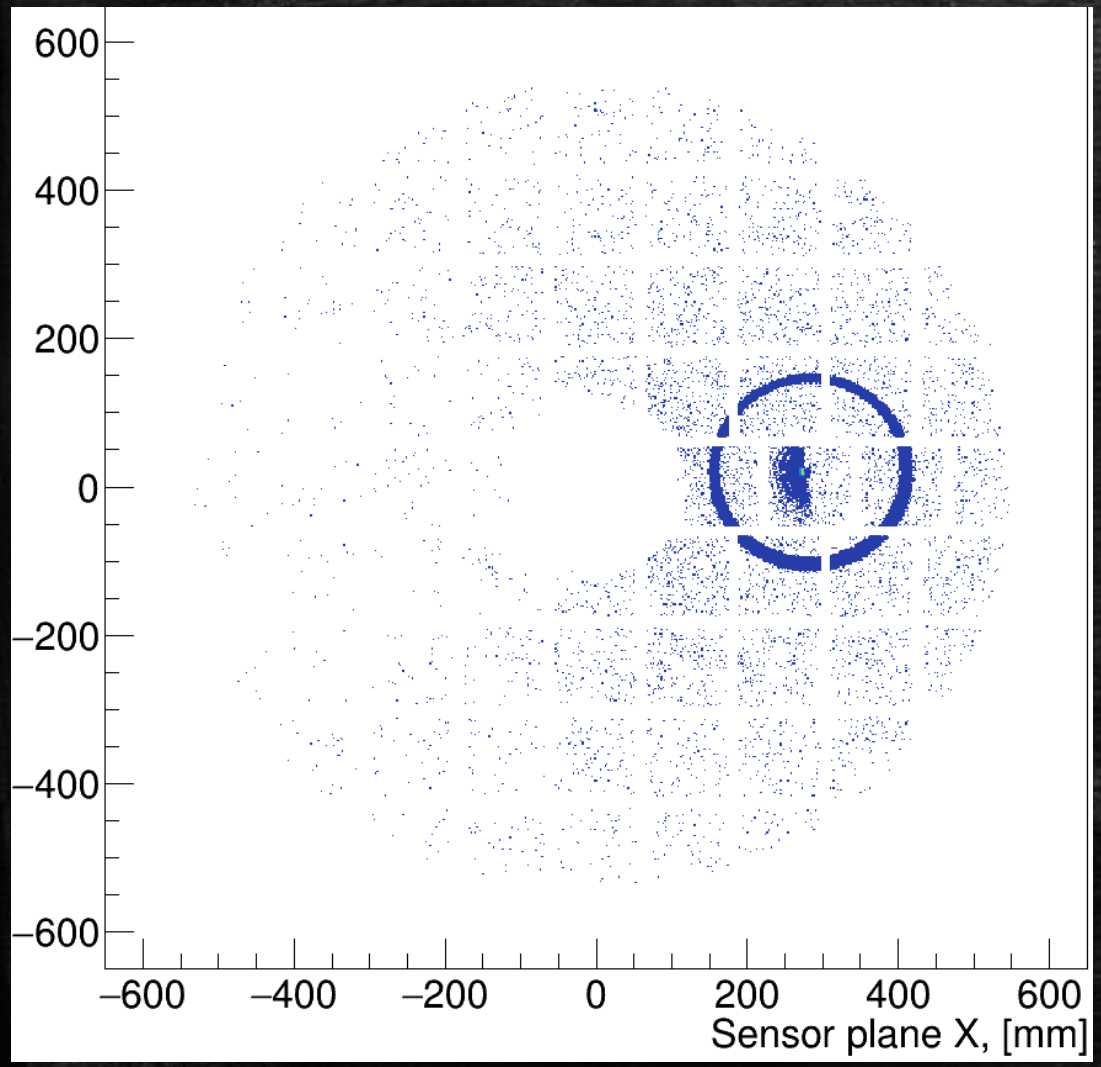


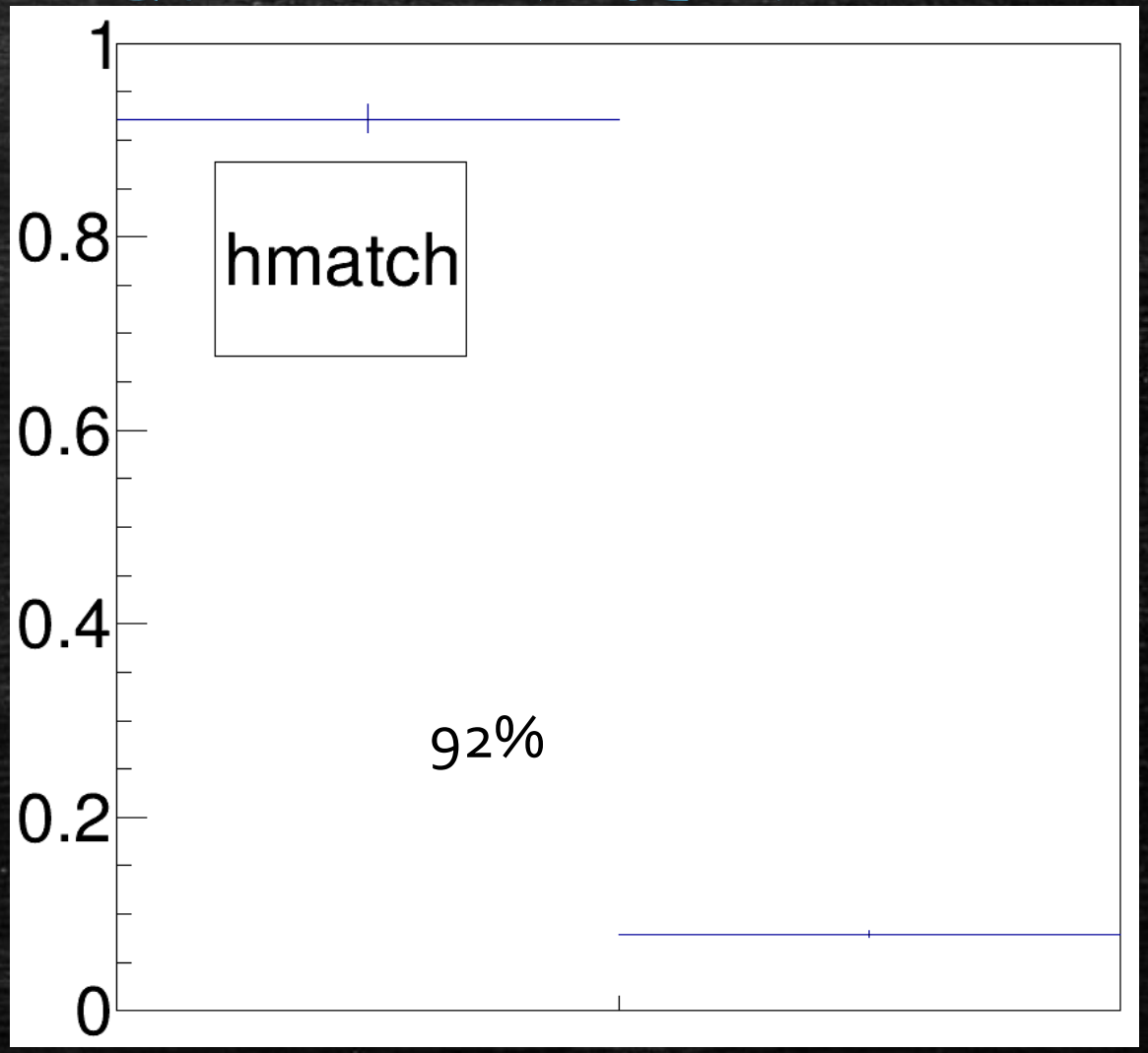
10 degrees difference



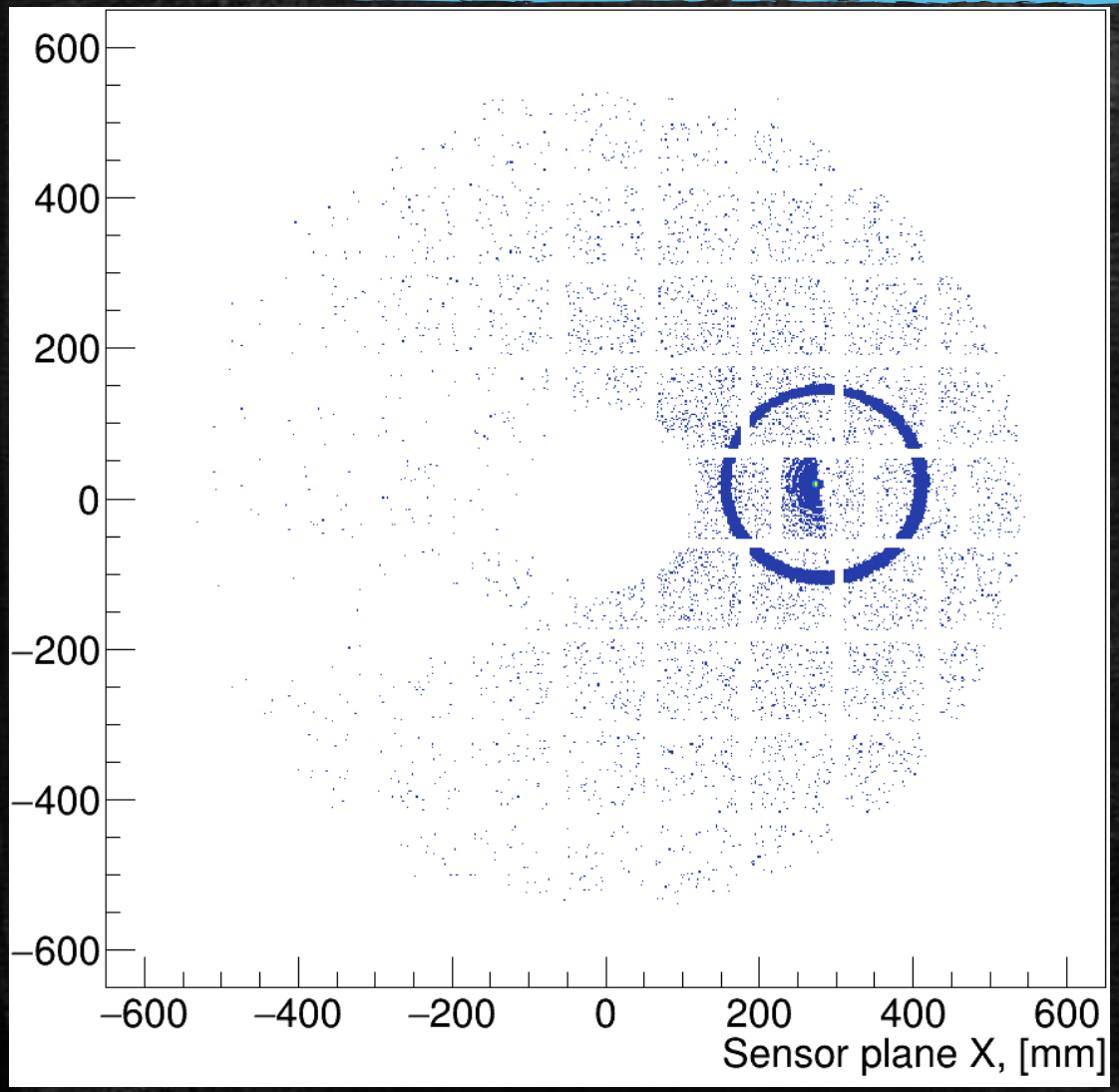


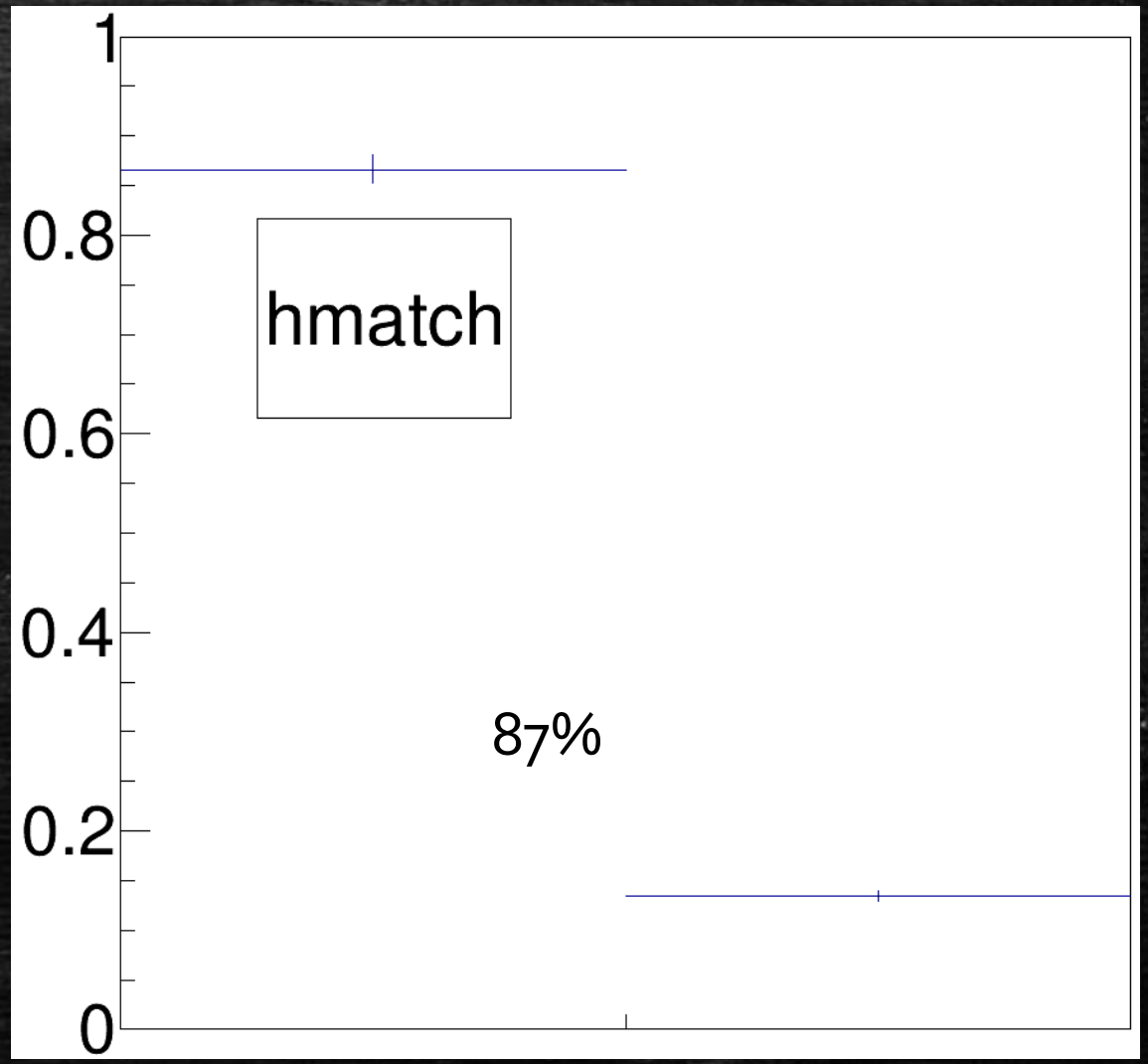
1 degree


600
400
200
0
−200
−400
−600
−600
−400
−200
0
200
400
600
Sensor plane X, [mm]

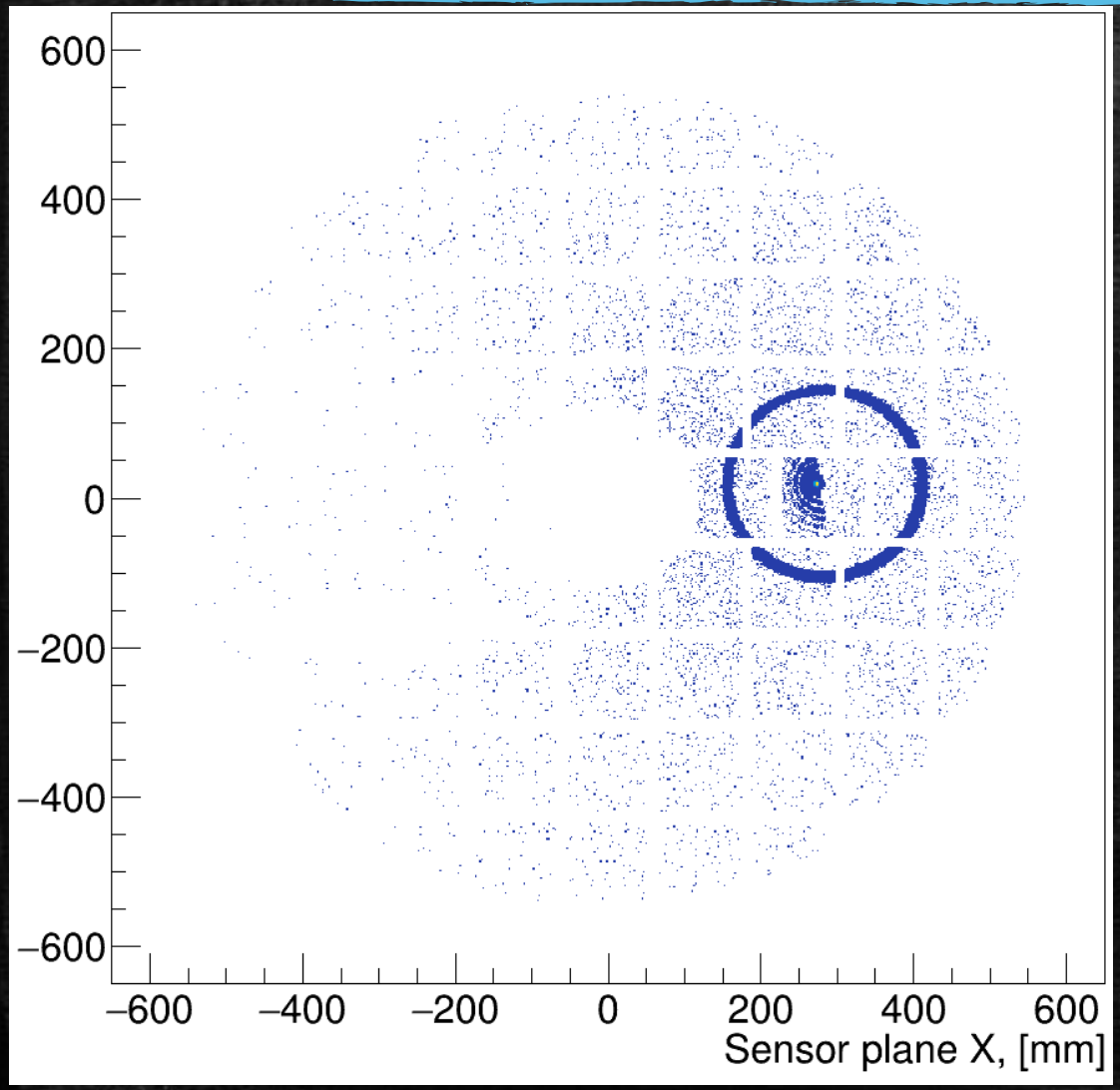

1
0.8
0.6
0.4
0.2
0
hmatch
92%

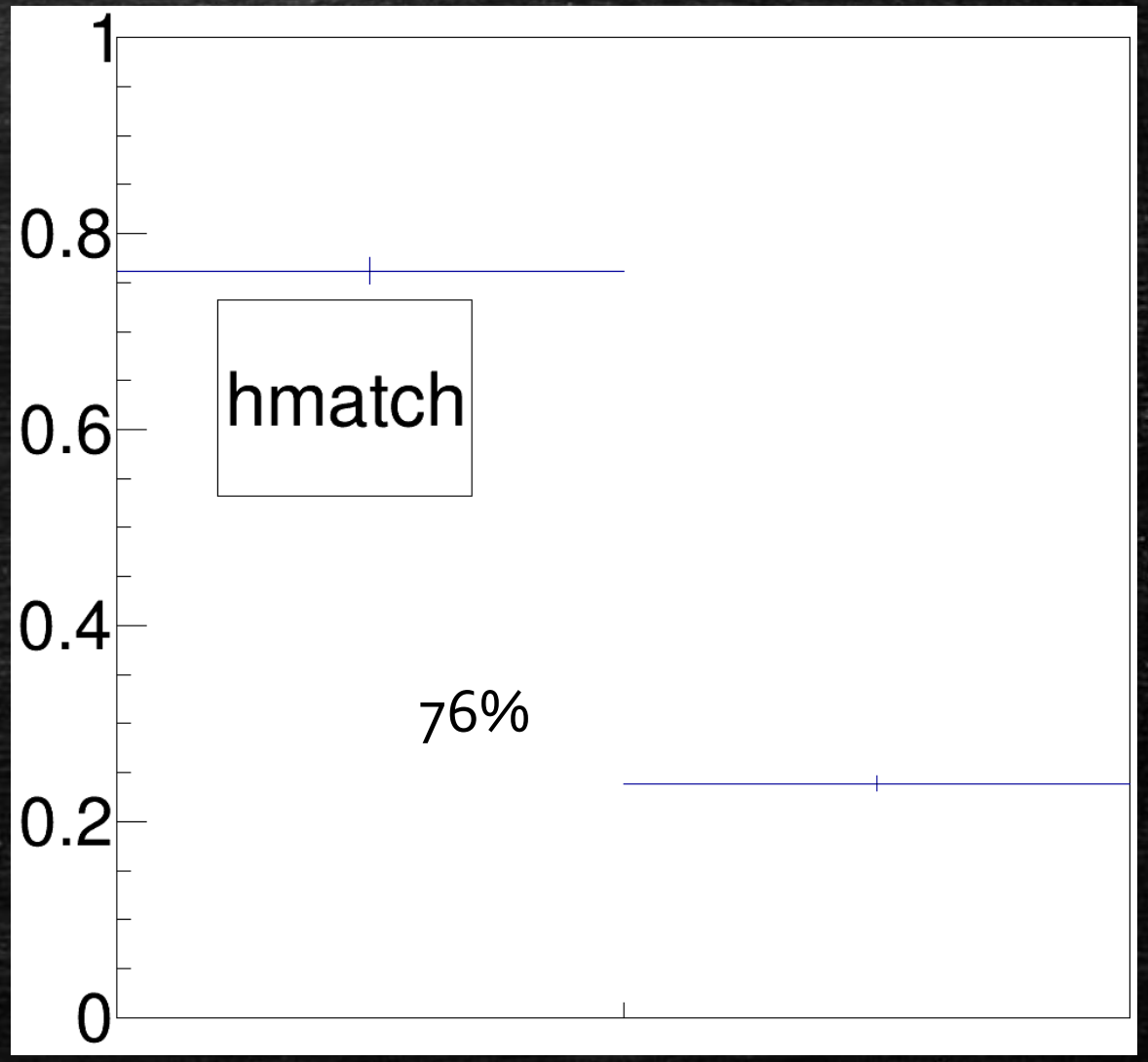
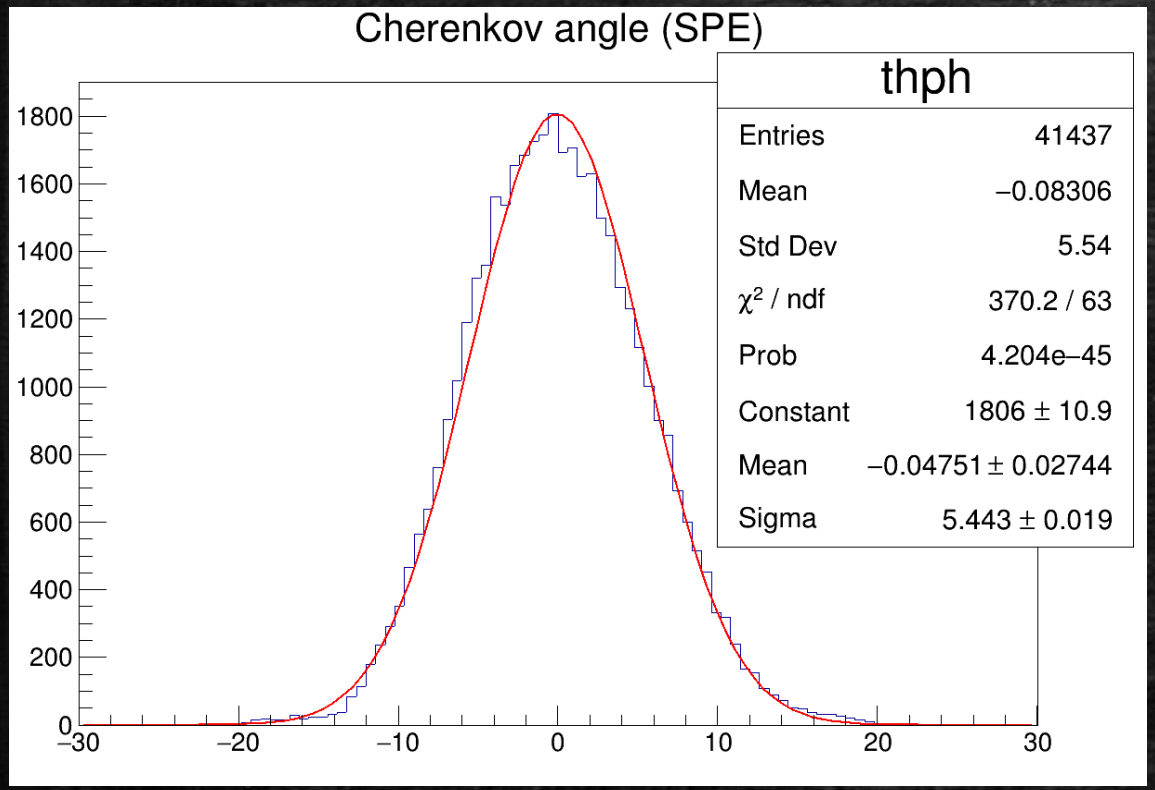
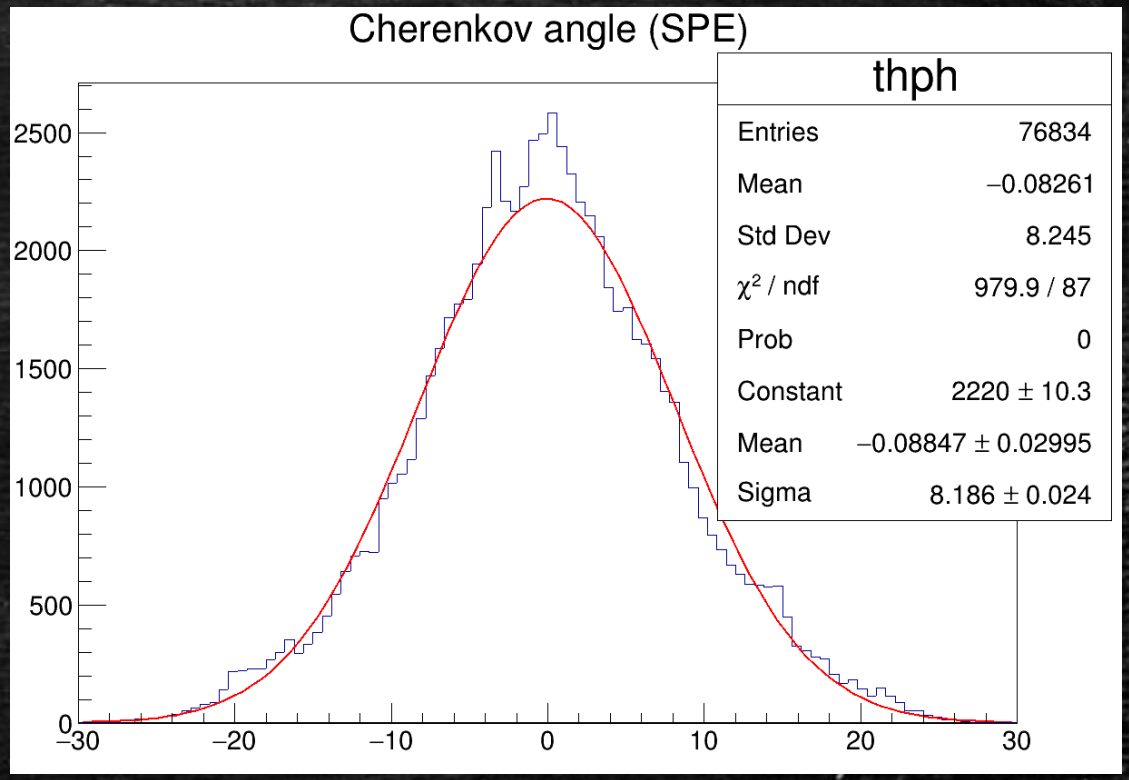
0.5 degree


600
400
200
0
−200
−400
−600
−600
−400
−200
0
200
400
600
Sensor plane X, [mm]


1
0.8
0.6
0.4
0.2
0
hmatch
87%

0.25 degrees


600
400
200
0
−200
−400
−600
−600
−400
−200
0
200
400
600
Sensor plane X, [mm]


1
0.8
0.6
0.4
0.2
0
hmatch
76%

Comparison of SPE resolution (uniform and 0.5 degree apart)