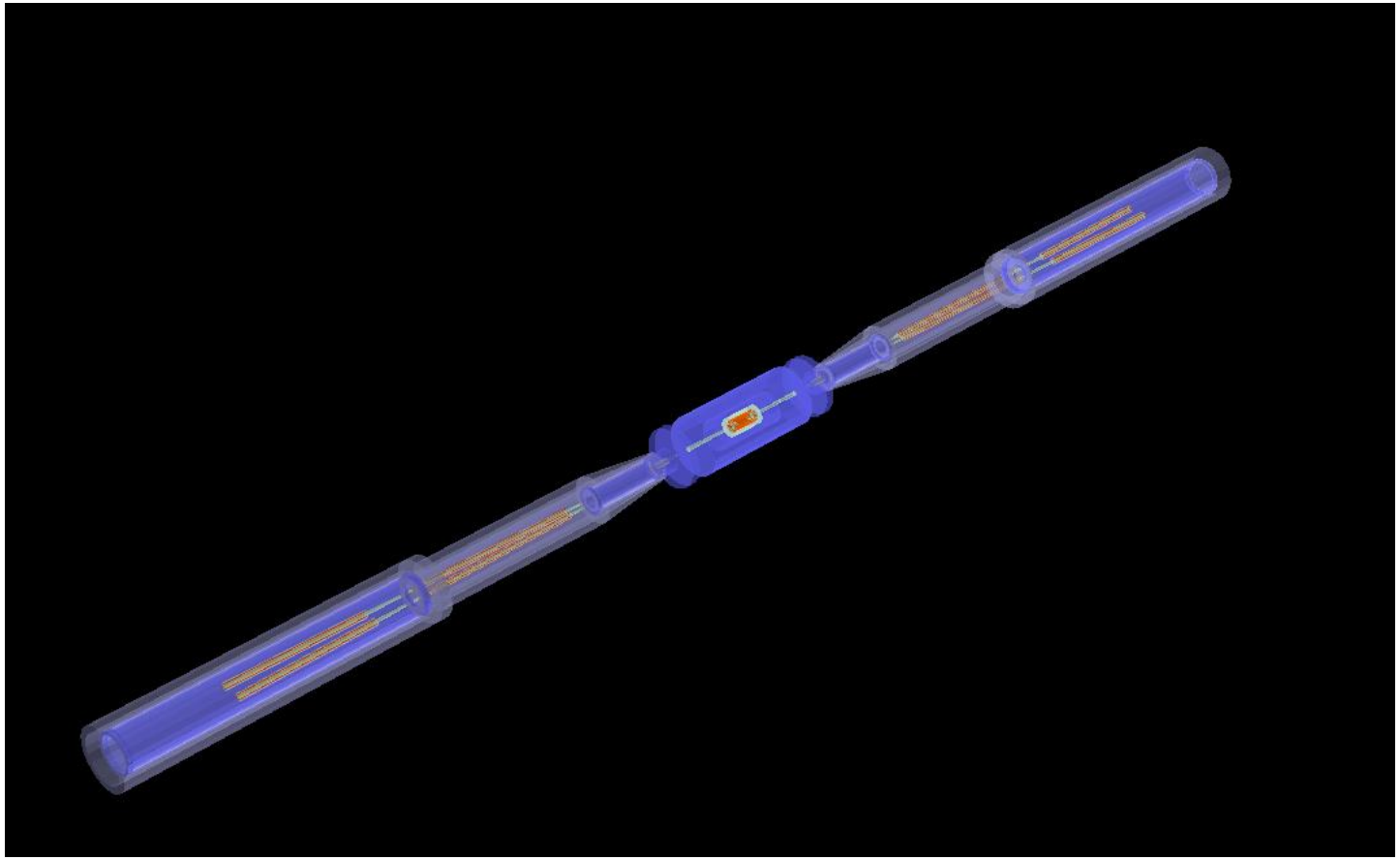
LumiCal up stream Materials budget

YangLiu

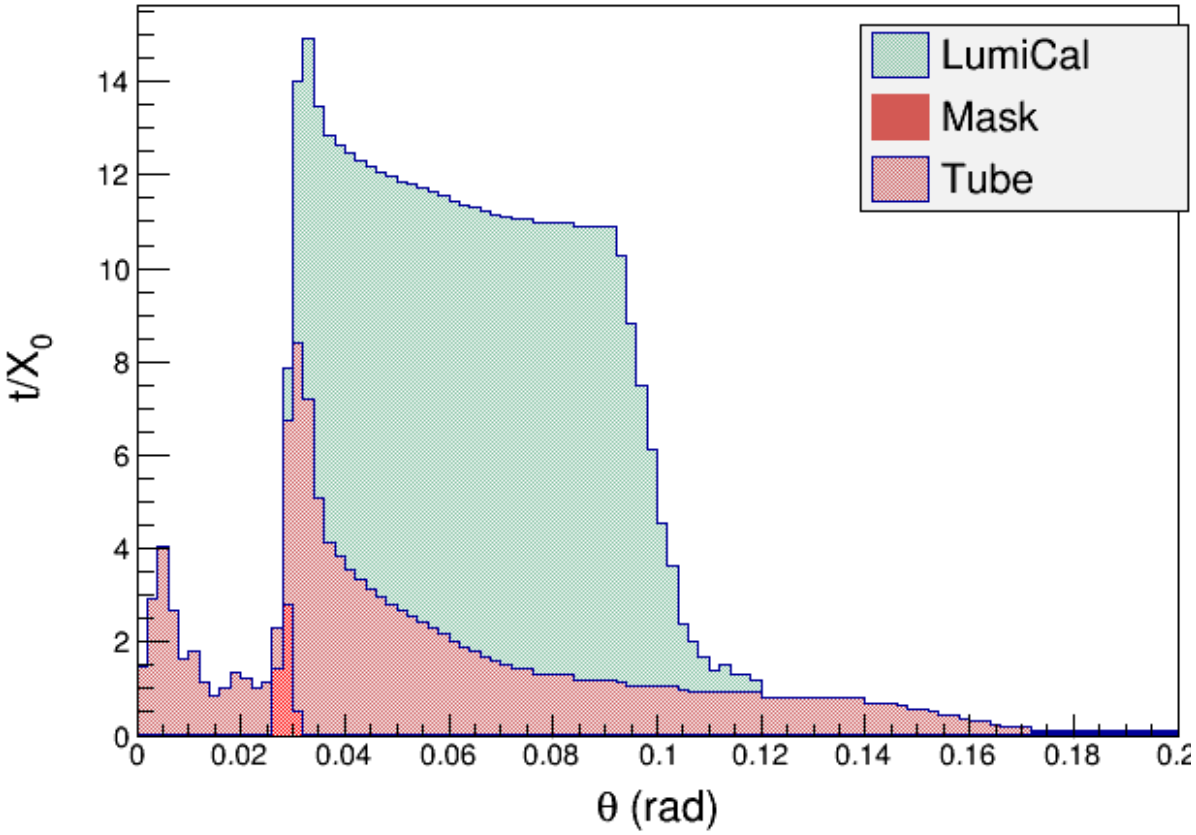
2018-06-01

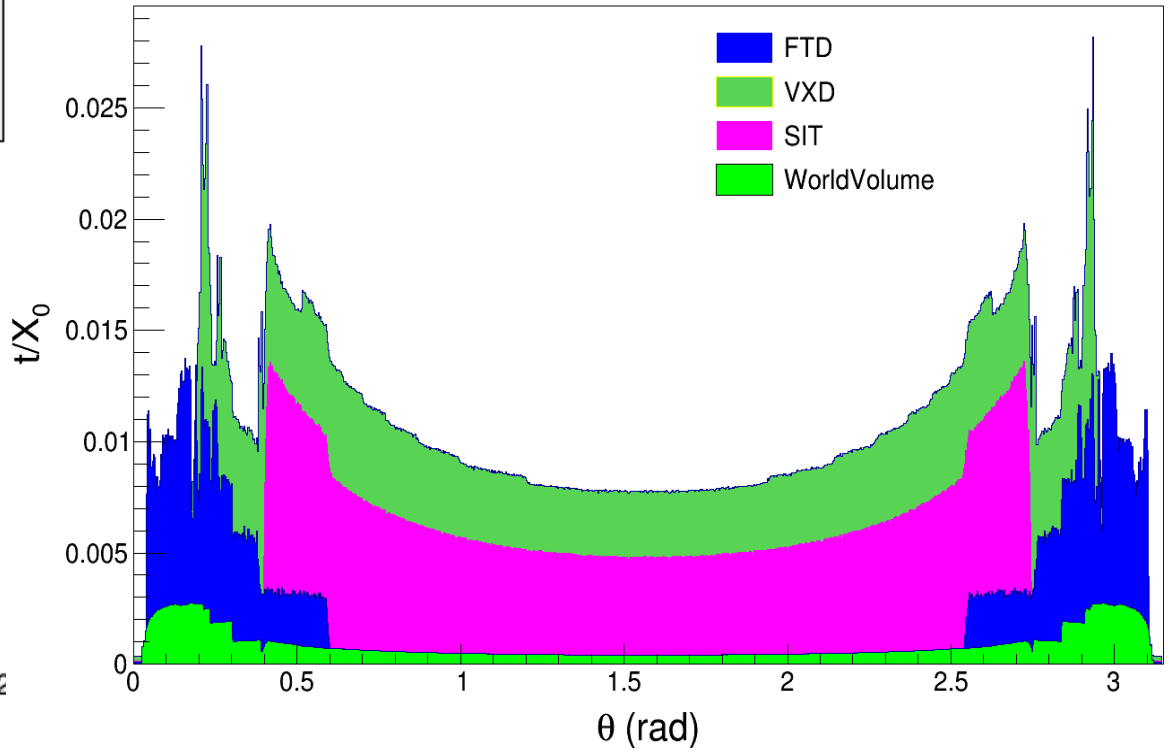
Cepc_v5 Geometry

- LumiCal up stream subdetectors
  - Tube
  - Vxd
  - Ftd
  - Sit
  - Lcal
  - Mask

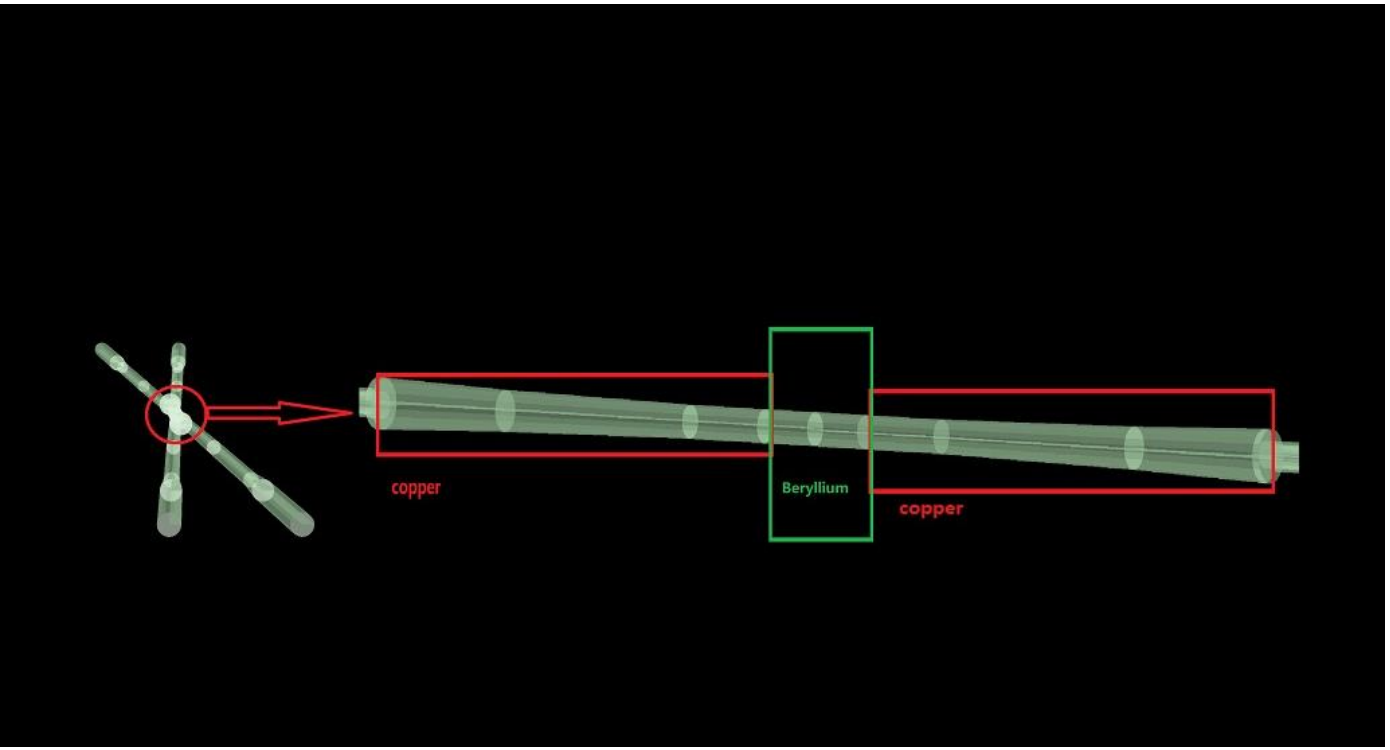


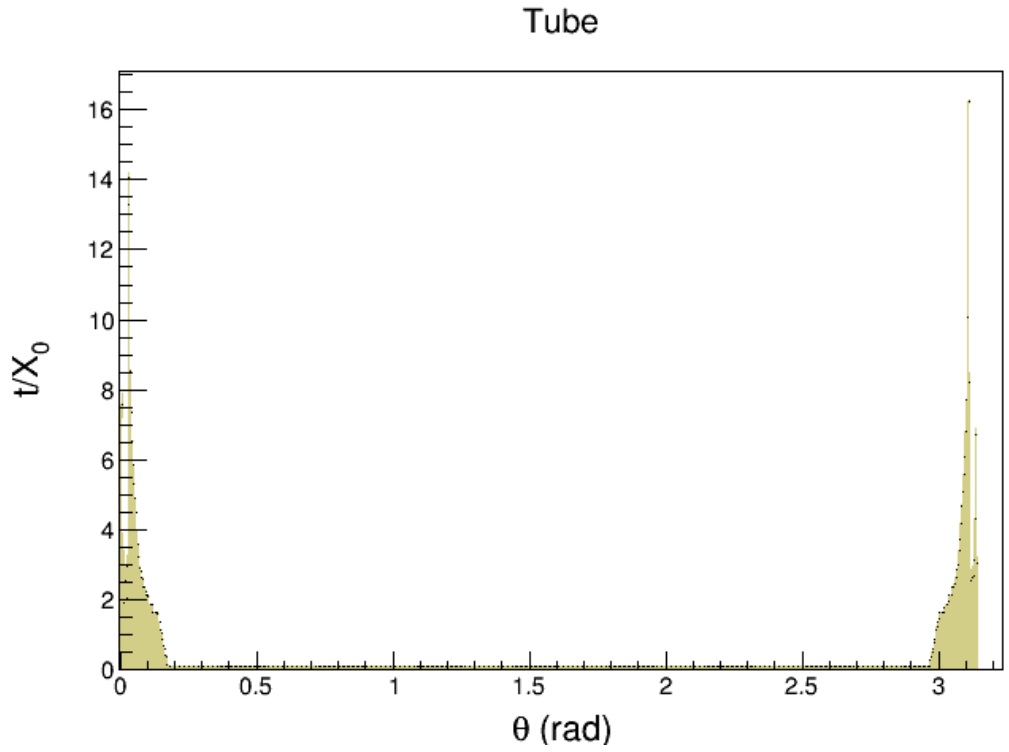
Material budget of all subdetectors



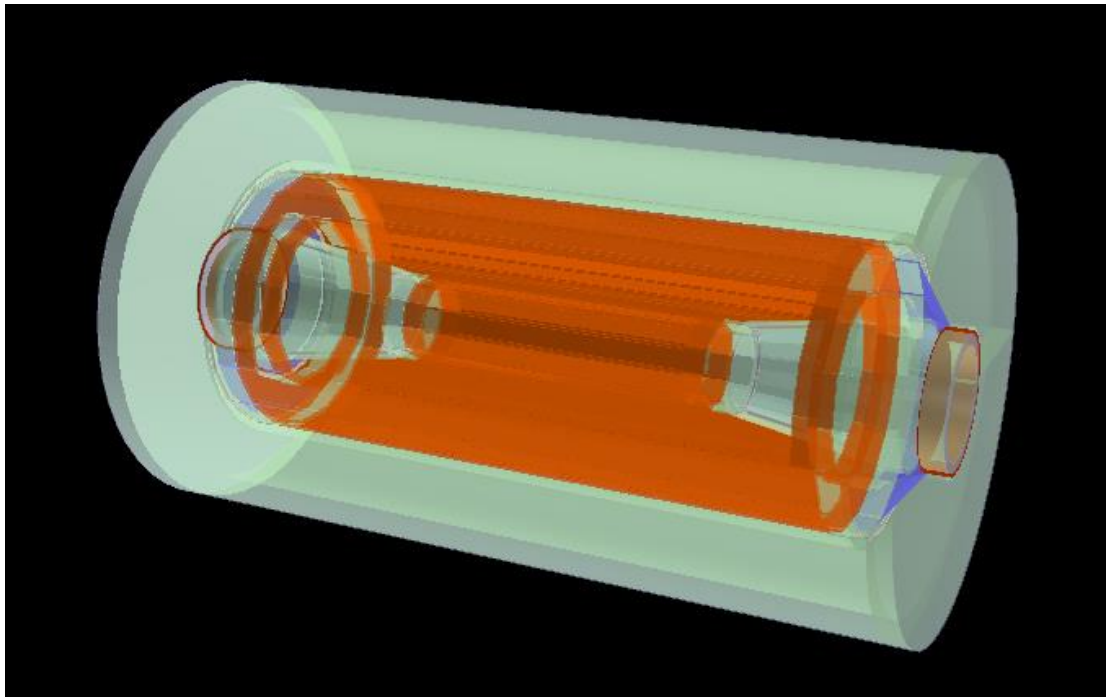


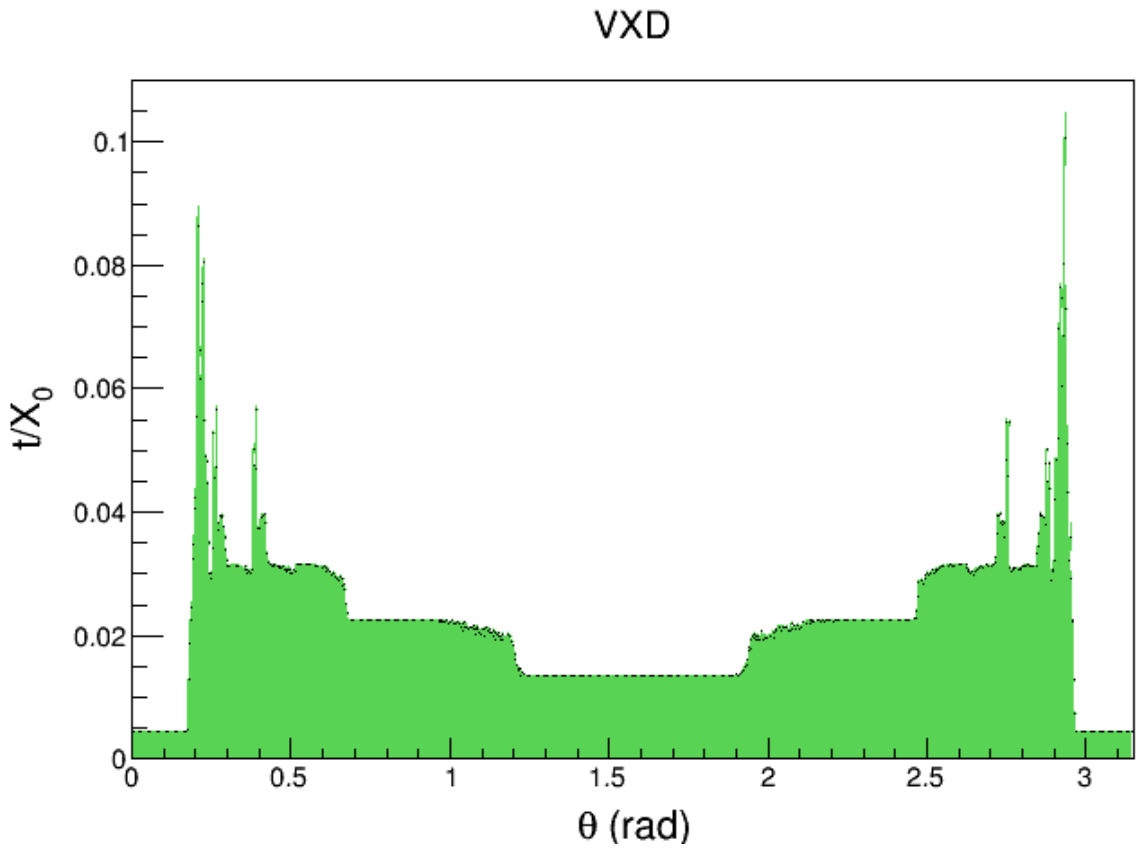
tube


copper
Beryllium
copper

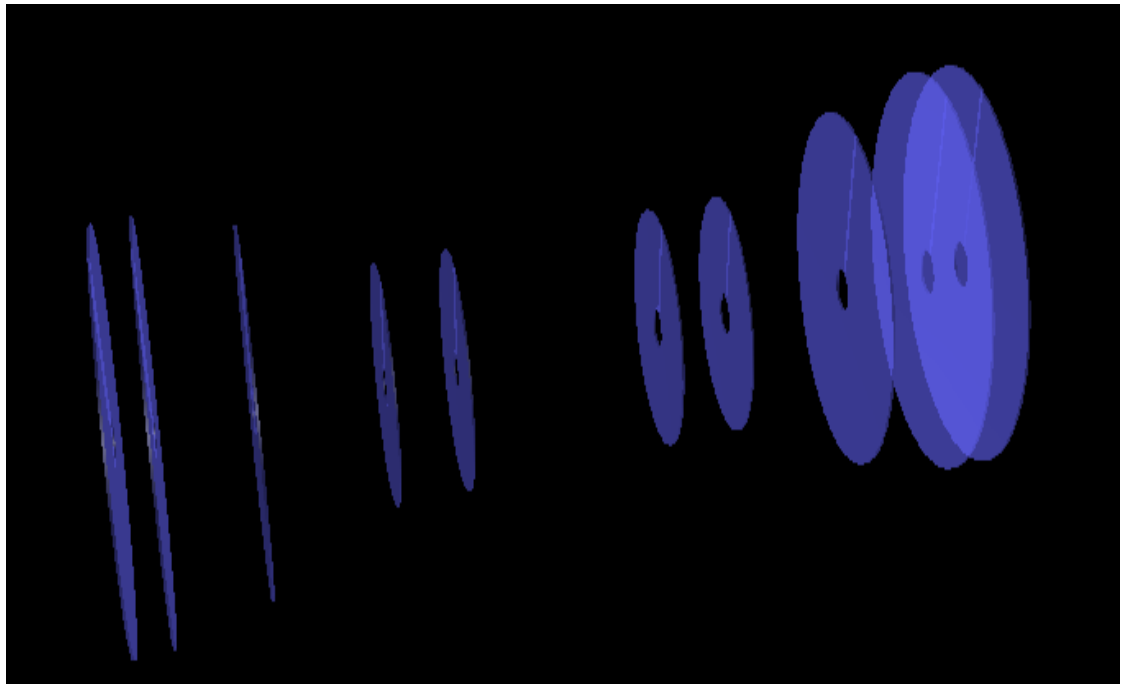

Tube
t/X0
θ (rad)
0
2
4
6
8
10
12
14
16
0
0.5
1
1.5
2
2.5
3

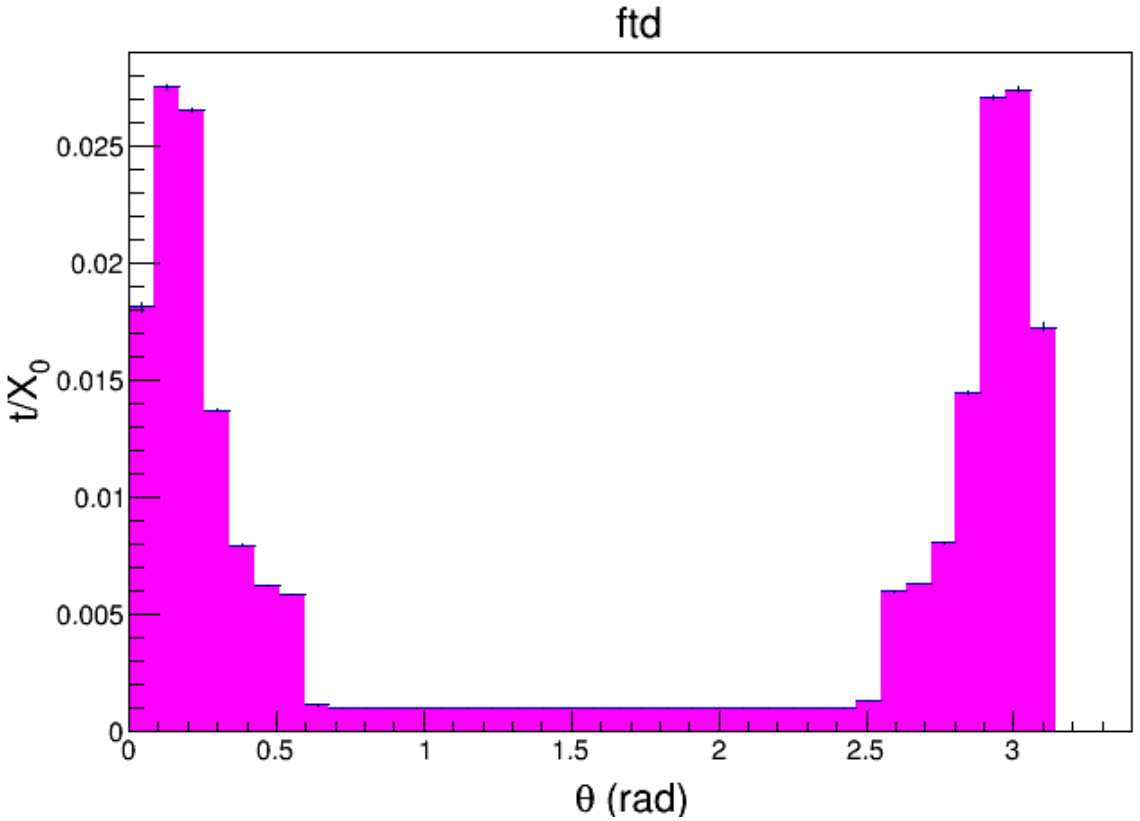
vxd



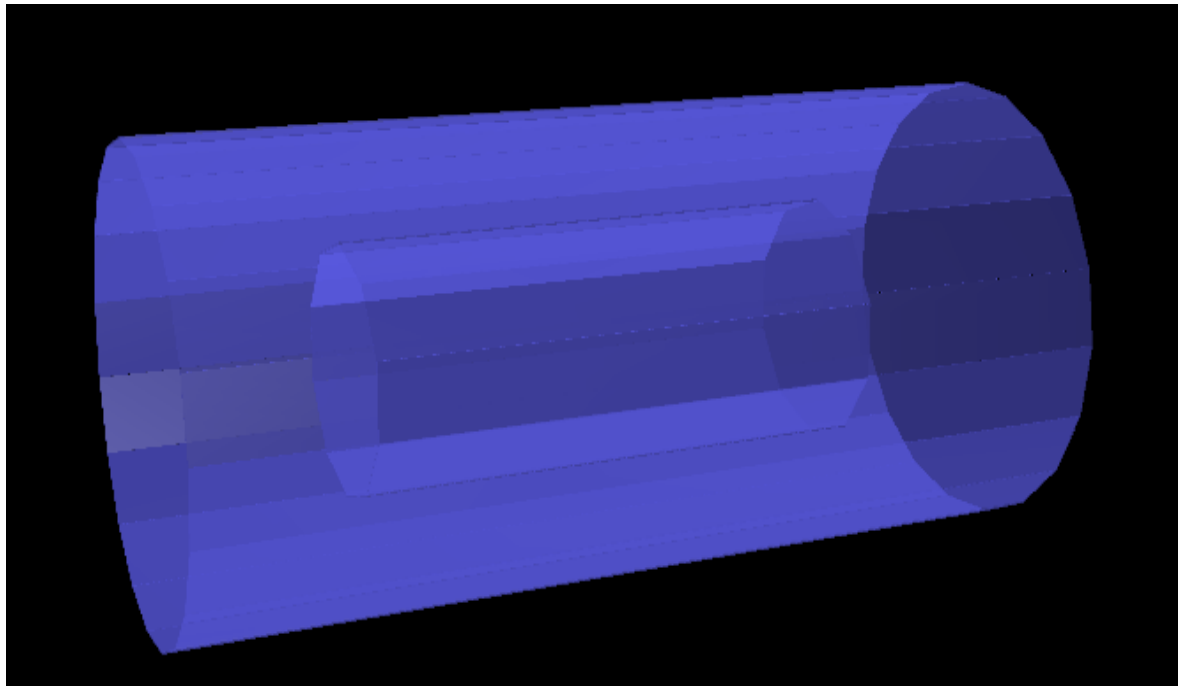


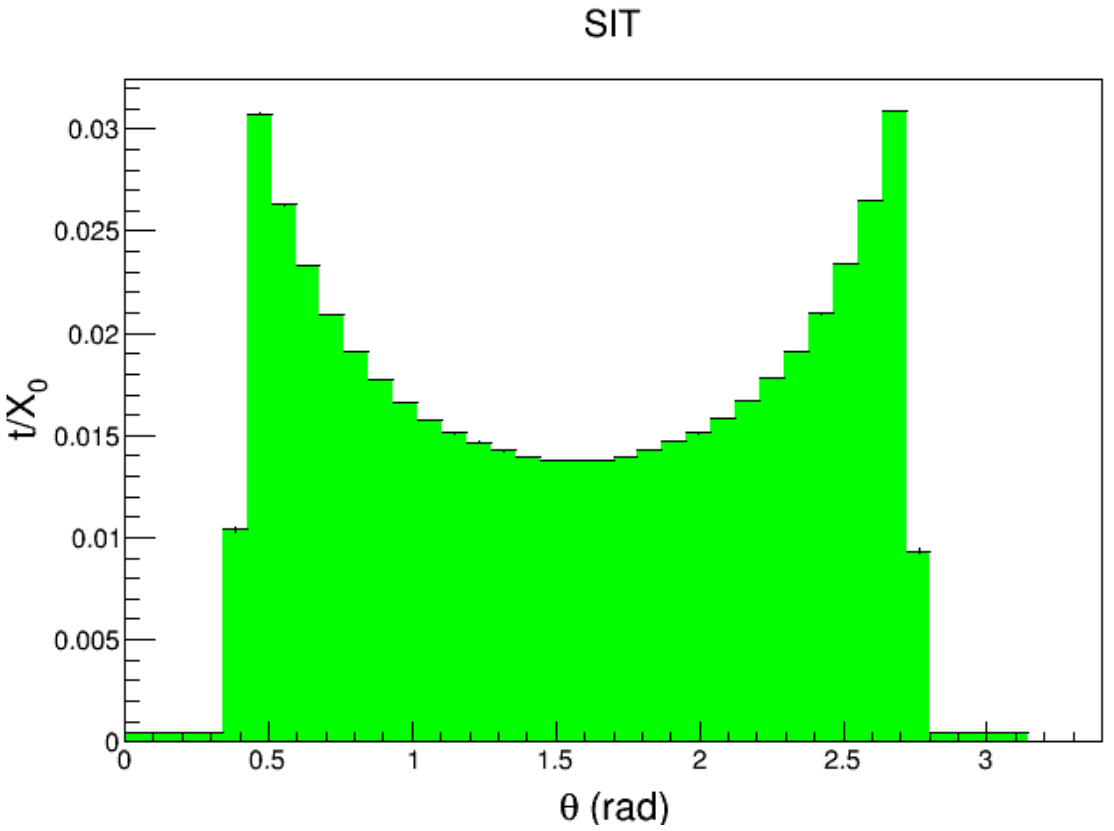
ftd



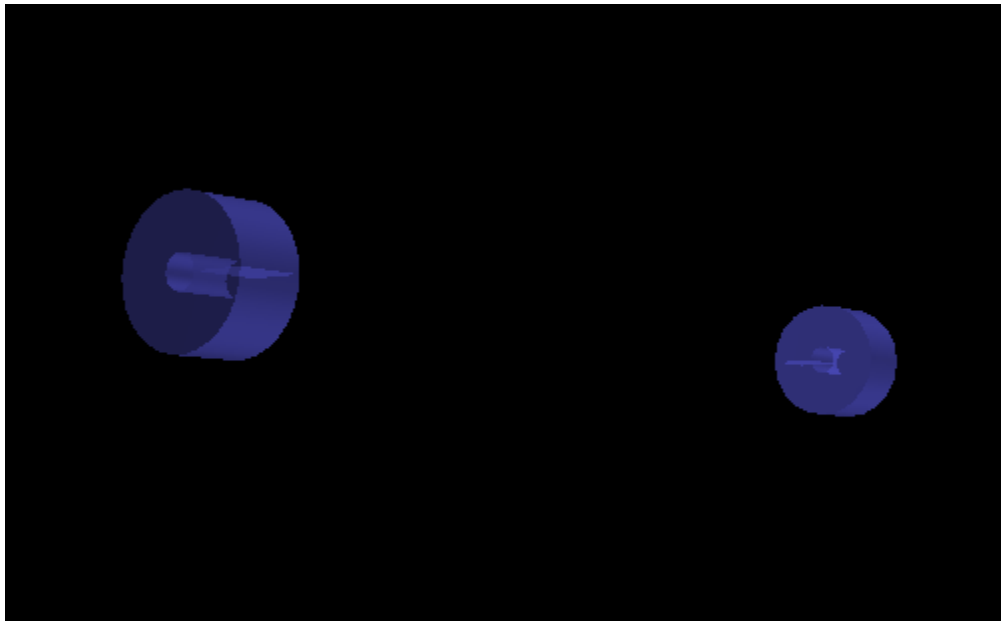


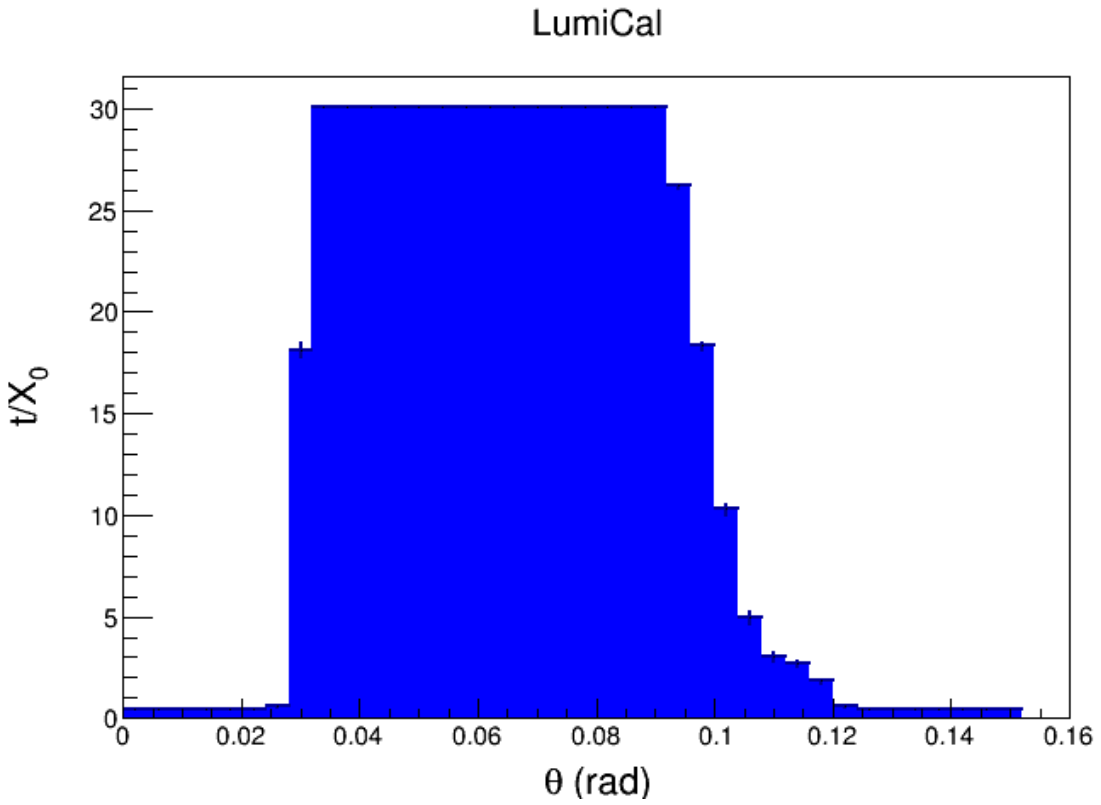
Sit



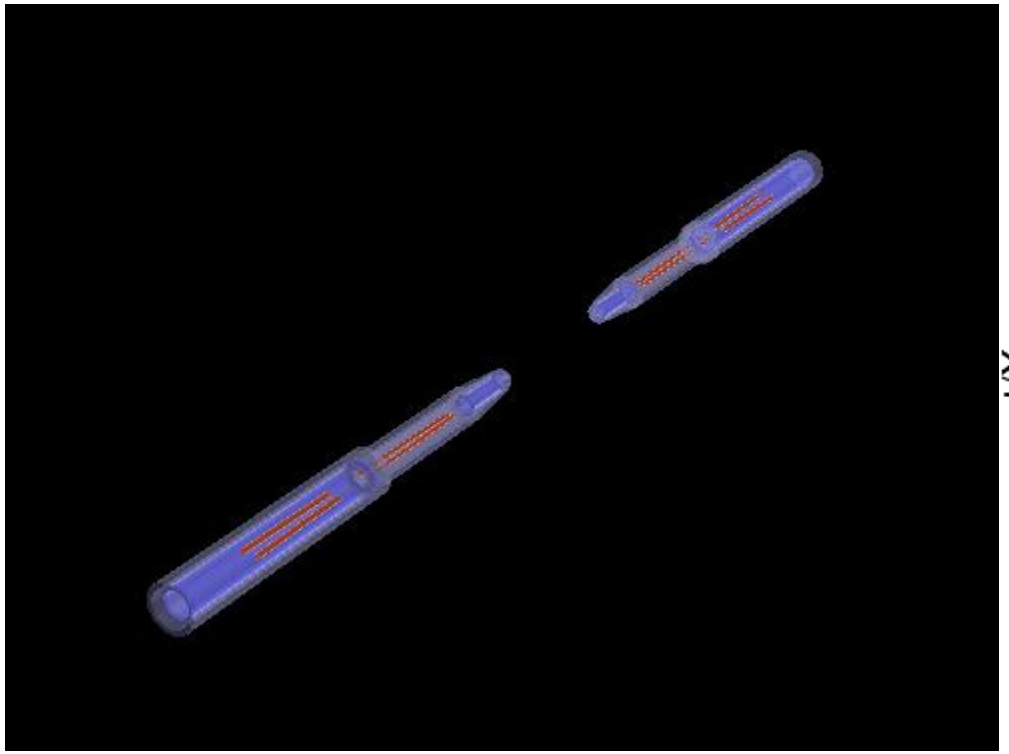


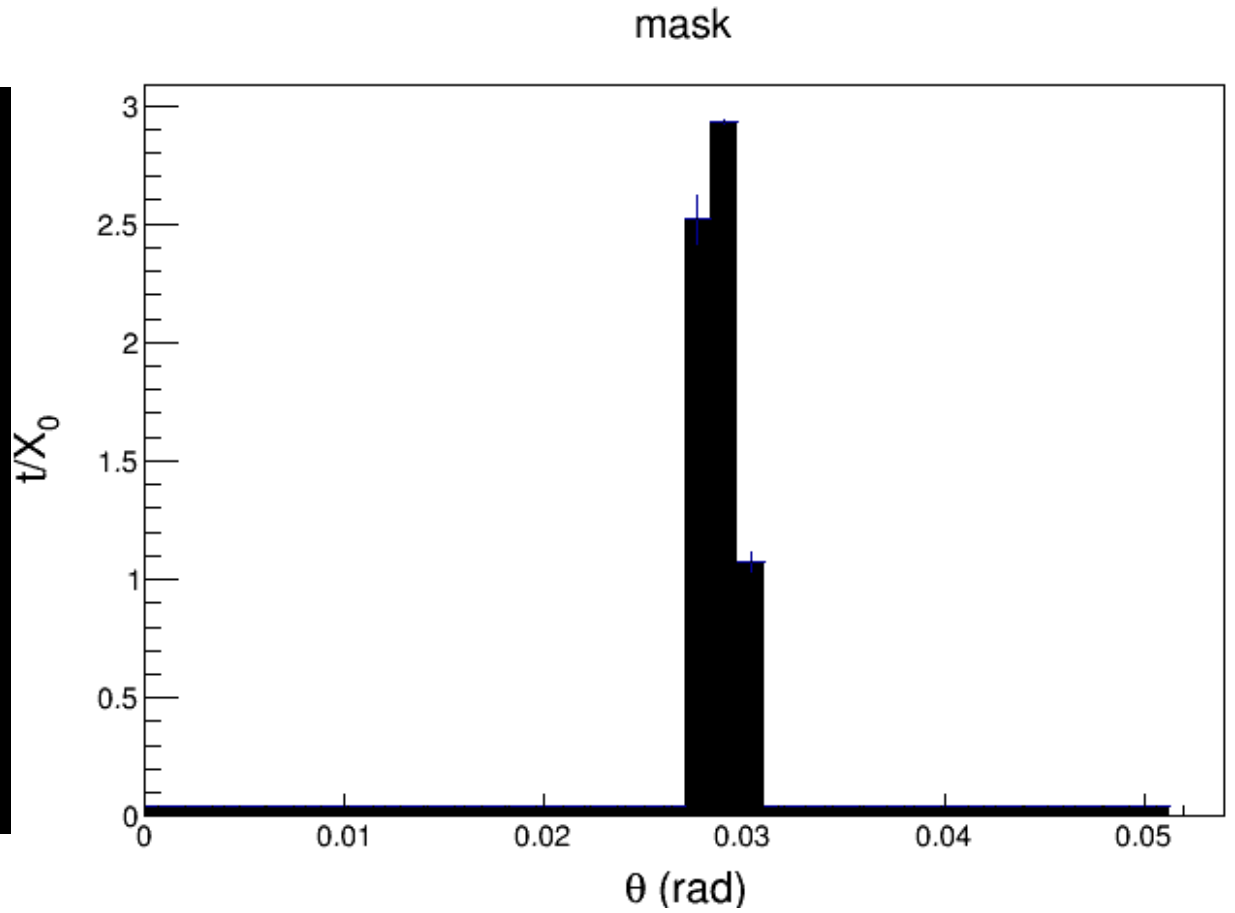
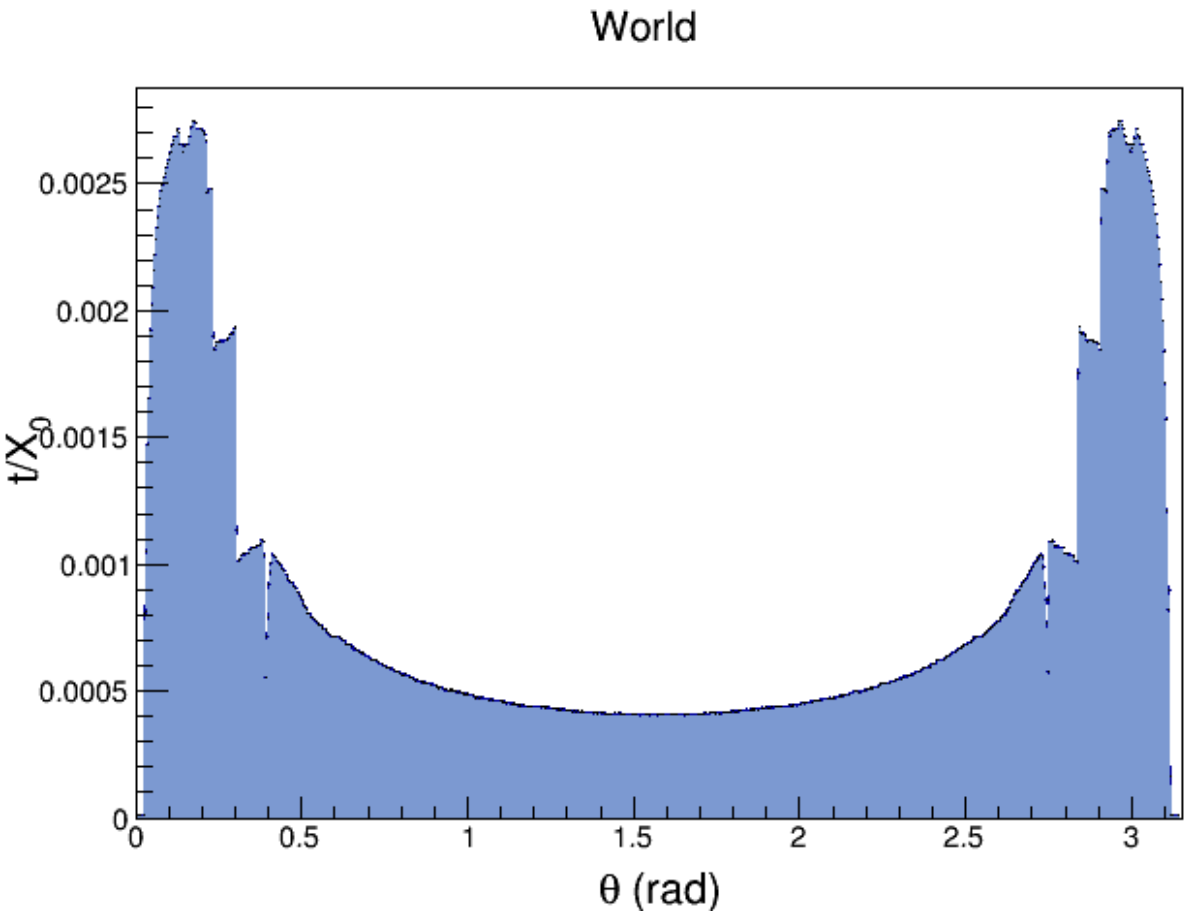
Lcal




LumiCal
30
25
20
15
10
5
0
t/X0
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
θ (rad)

mask





World volume