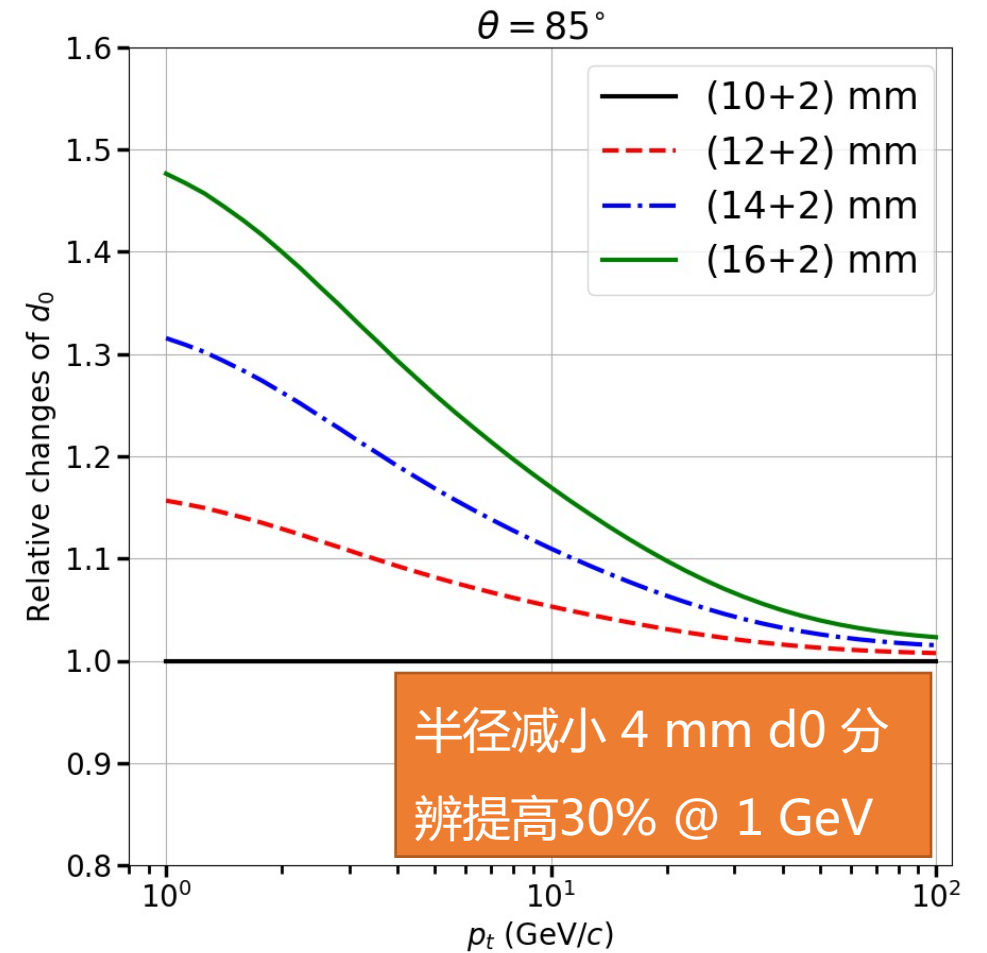
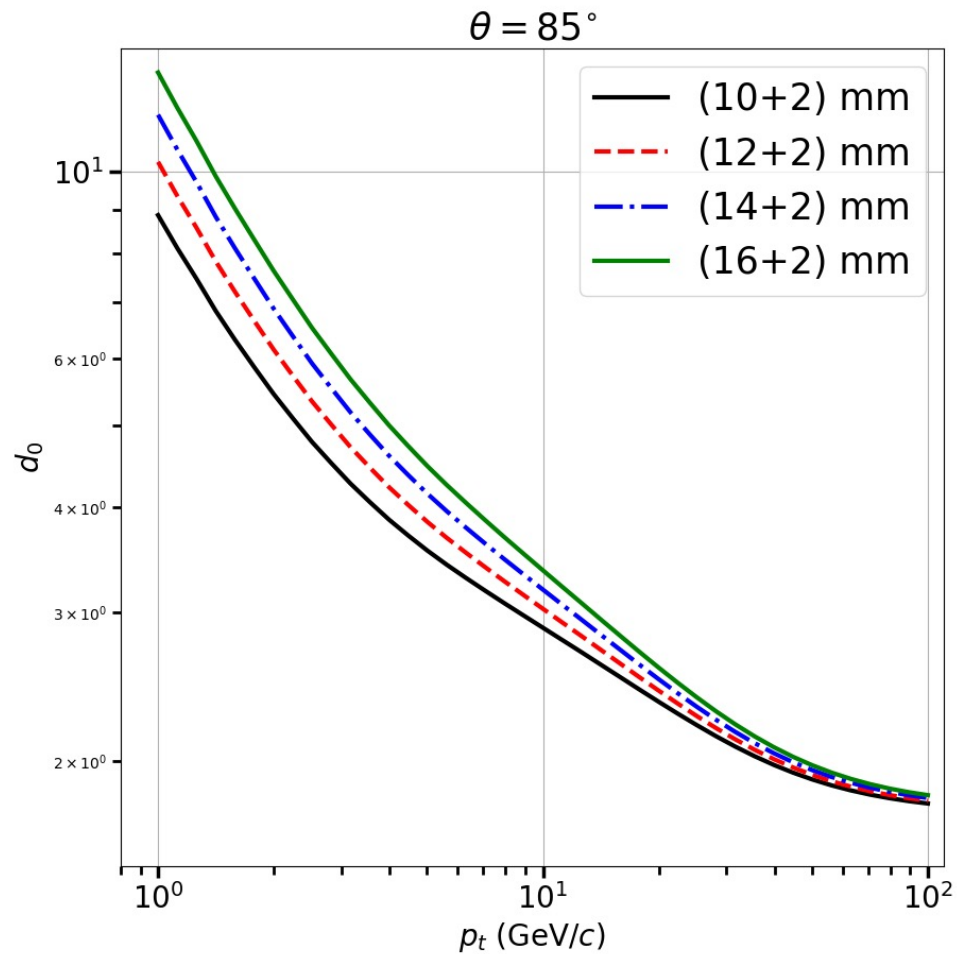


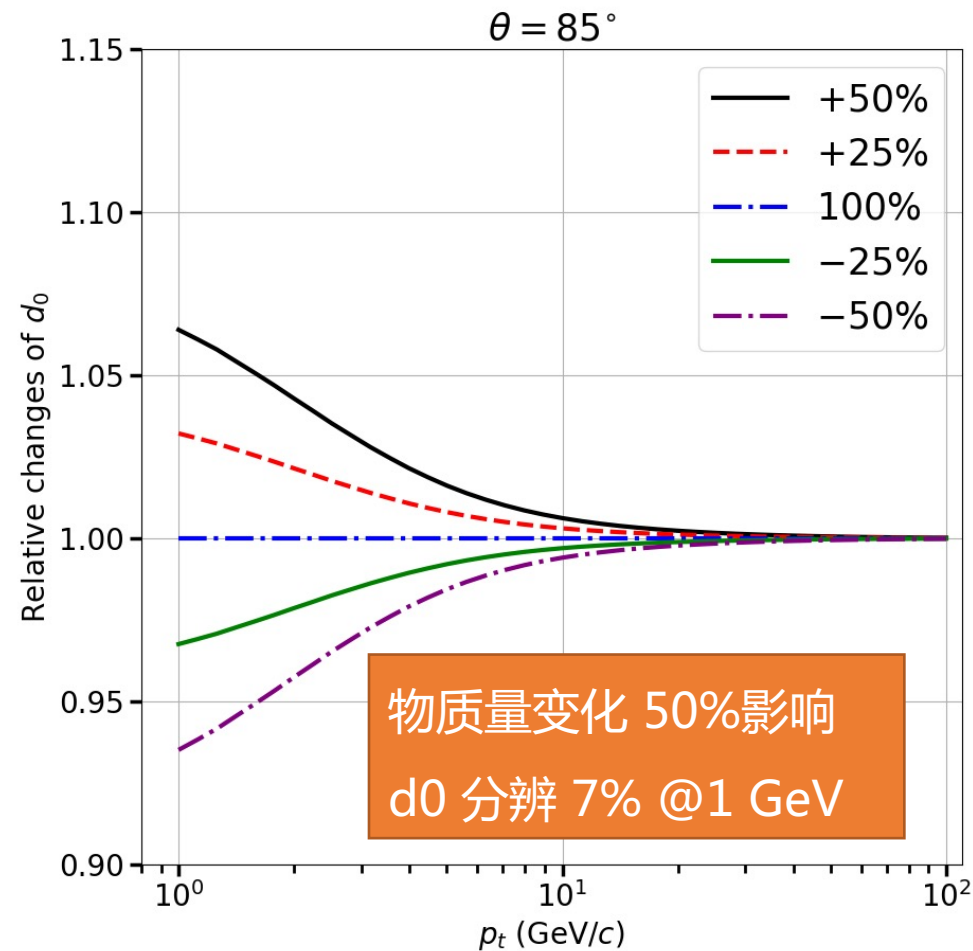
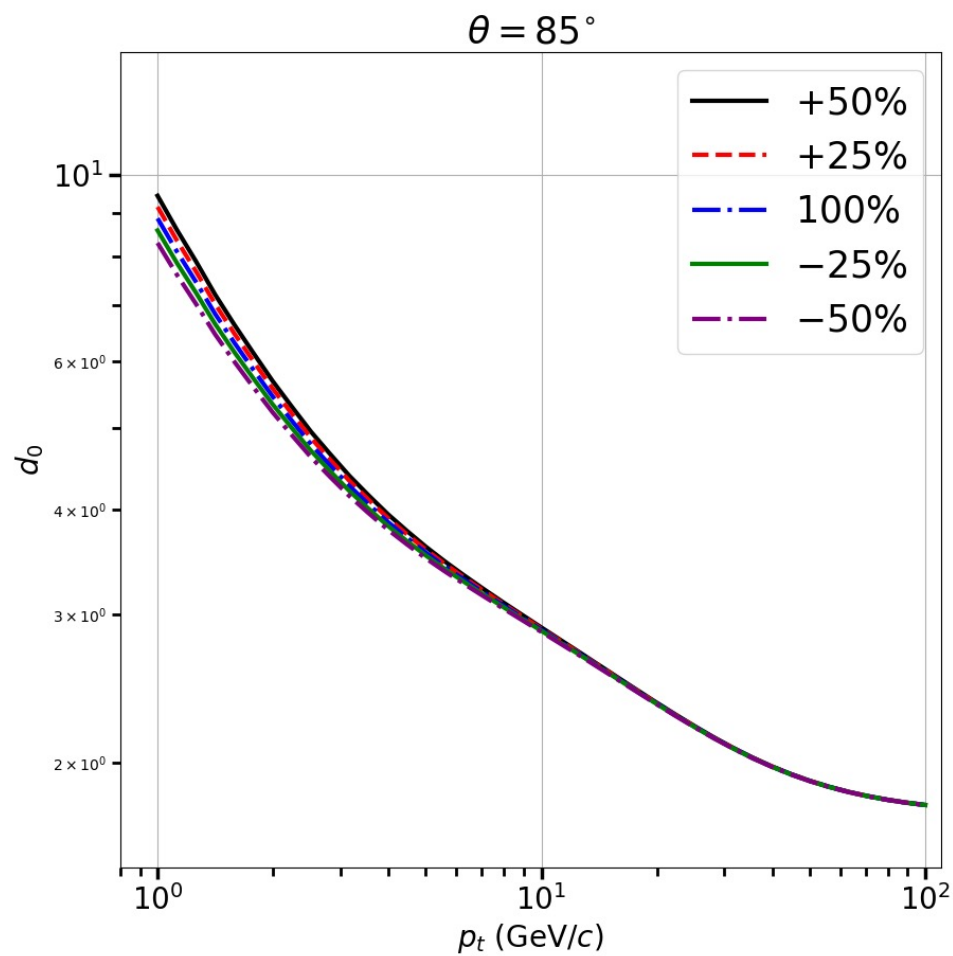
Materials and radius of the beam pipe

LI Gang

Beam pipe 半径的变化

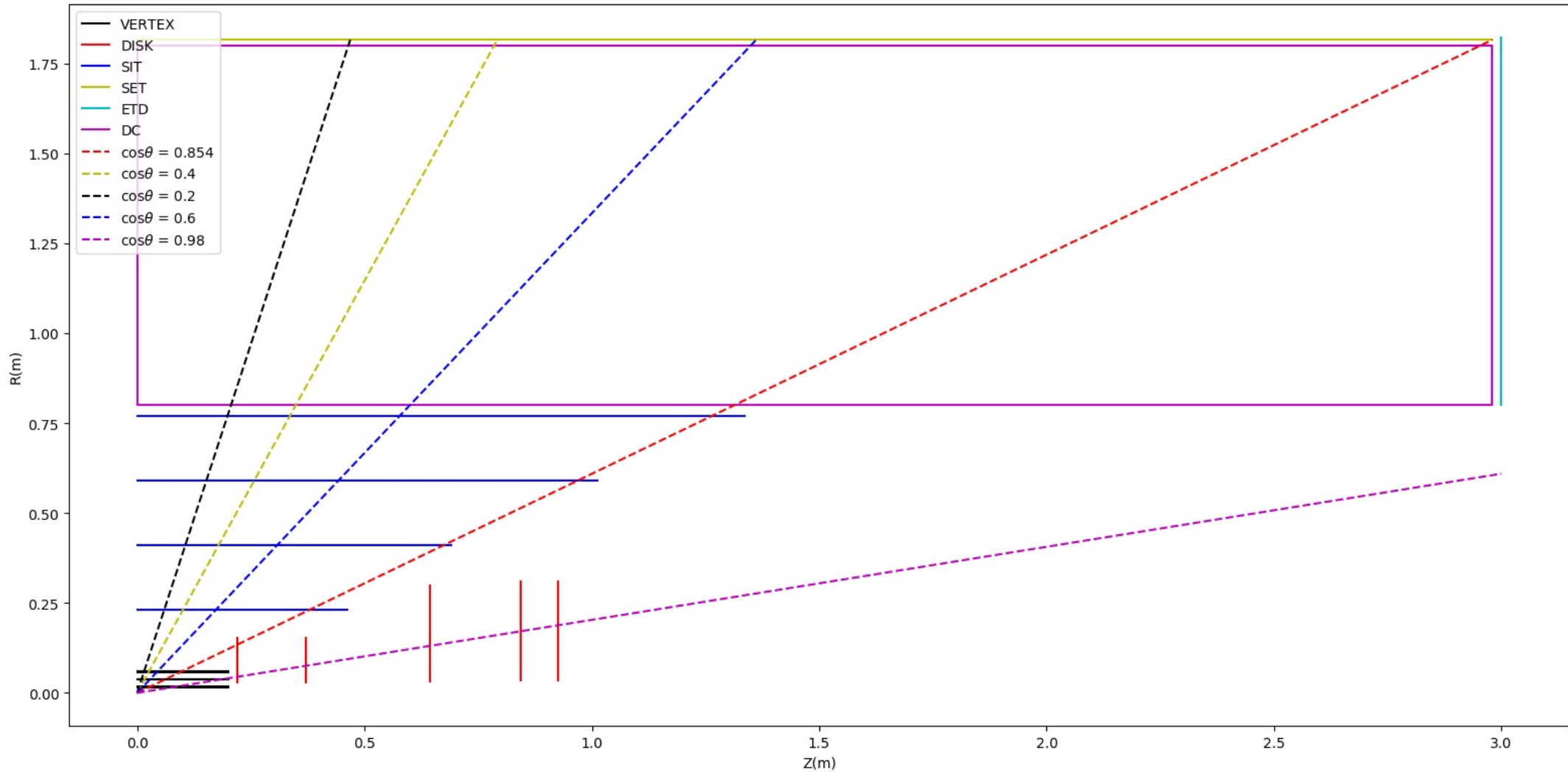


Beam pipe 物质质量的变化



Extra information

Geometry in CEPCSW



Tracker parameters

	Radius(mm)	$\sigma_{R\phi}$ (μm)	σ_z (μm)	Thickness(X_0 %)
Beam Pipe	10	-	-	0.15
VTX	12/14/34/36/58/60	2.8/6/4/4/4/4	2.8/6/4/4/4/4	0.15x6
VTX-shell	65	-	-	0.15
SITs (HV-CMOS 25x300 μm^2)	100/200/860	7.2/7.2/7.2	86.6/86.6/86.6	0.65x3
DC inner wall	800	-	-	0.11x1
DC cell (66 x15x15mm)	---	100	2828	0.013x65
DC outer wall	1800.0	-	-	1.35x1
SET (HV-CMOS 25x300 μm^2)	1811.0	7.2	86.6	0.65x1

CEPC Physics requirements: momenta and impact parameter

Momenta of tracks @ 240 & 91 GeV

