

Status on SDT simulation

Ryuta

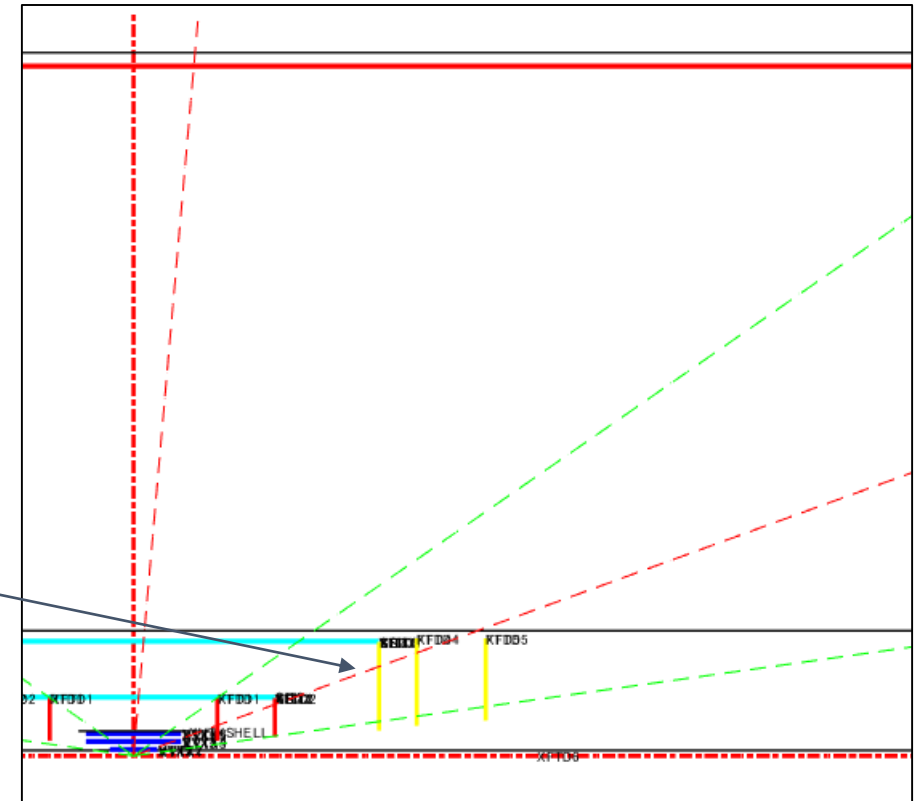
06/02/2020₁

Status

- Run with removing the TPC section
 - setting parameters for the TPC as 0 , as well as material of the TPC wall = 0
- Run with removing the TPC section + setting all of material budget to be 0



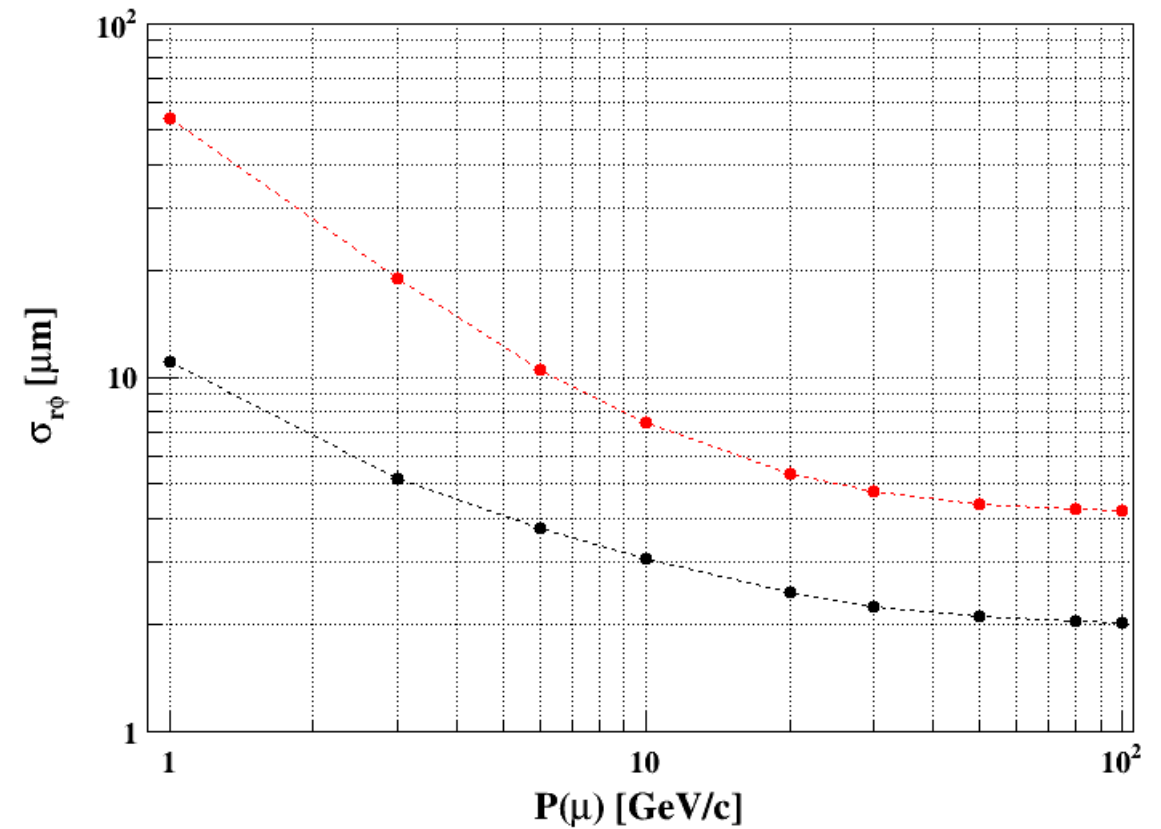
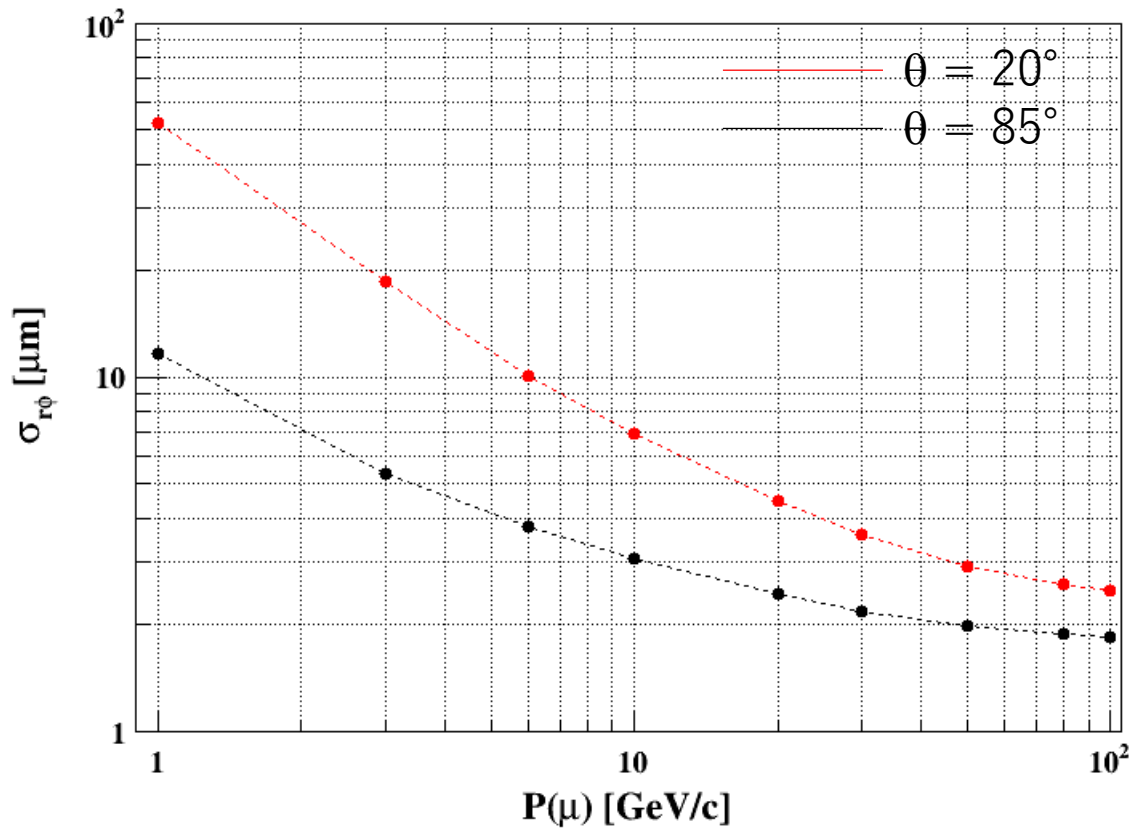
I aware that I forgot to set the forward detector's budget ...



1. Removing TPC

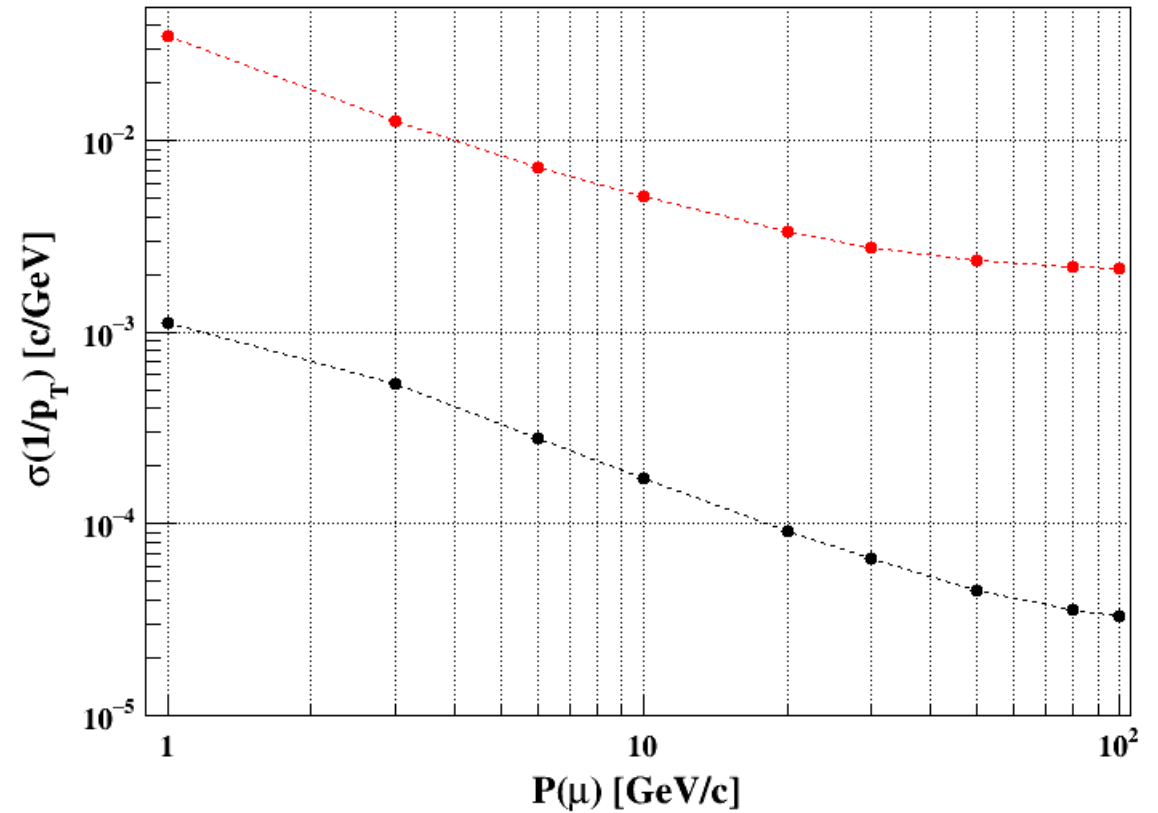
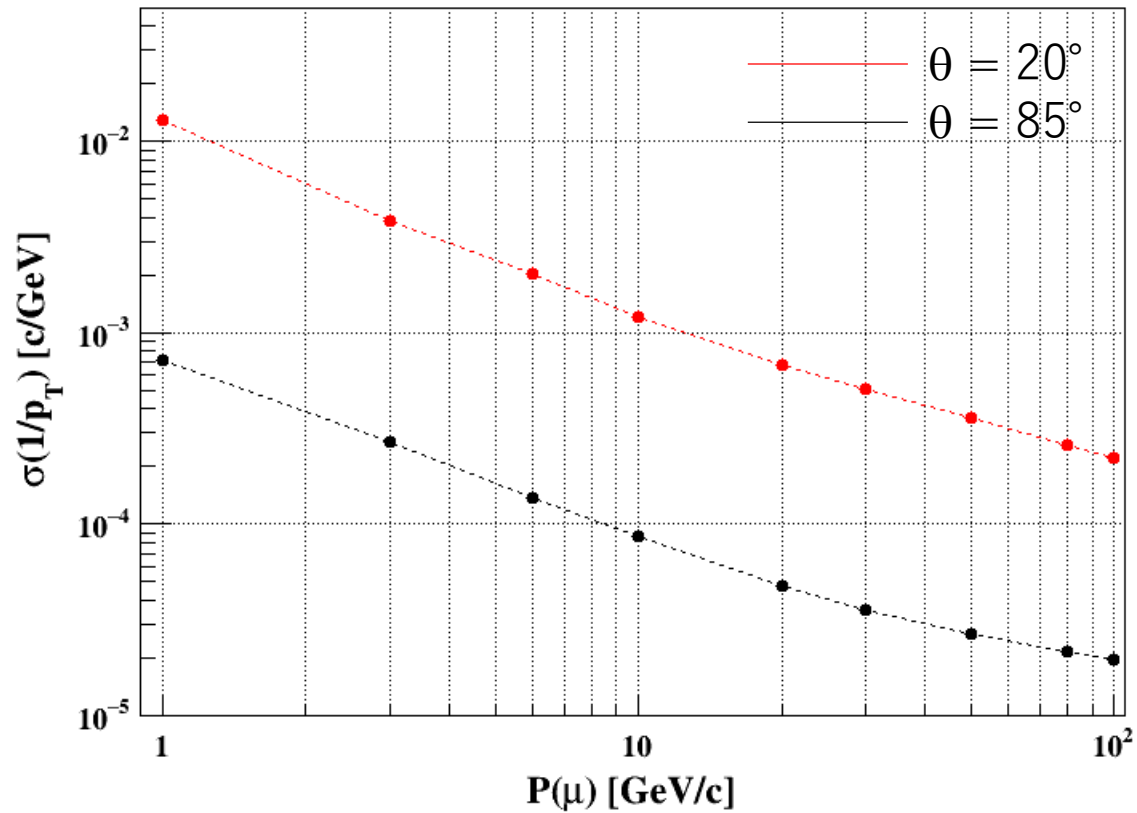
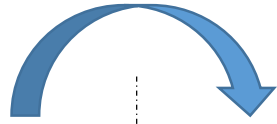
-- Transverse impact parameter resolution --

data points with the original geometry



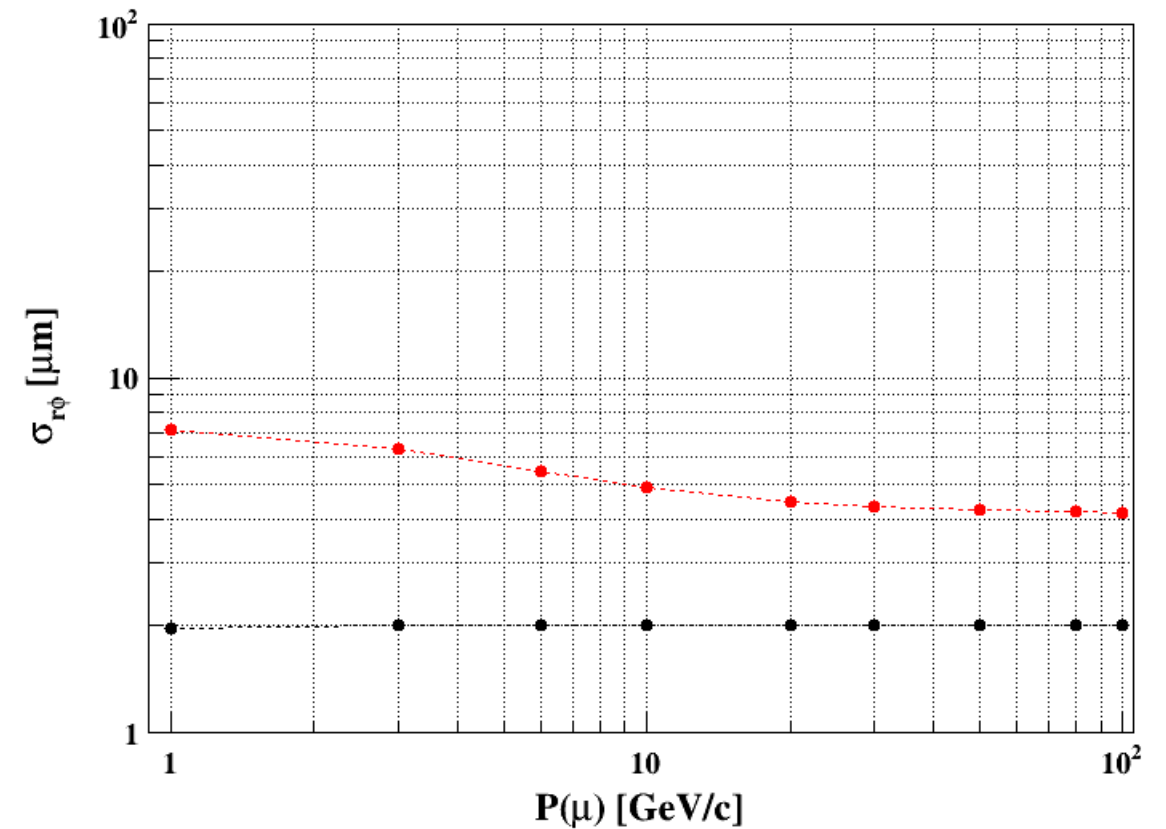
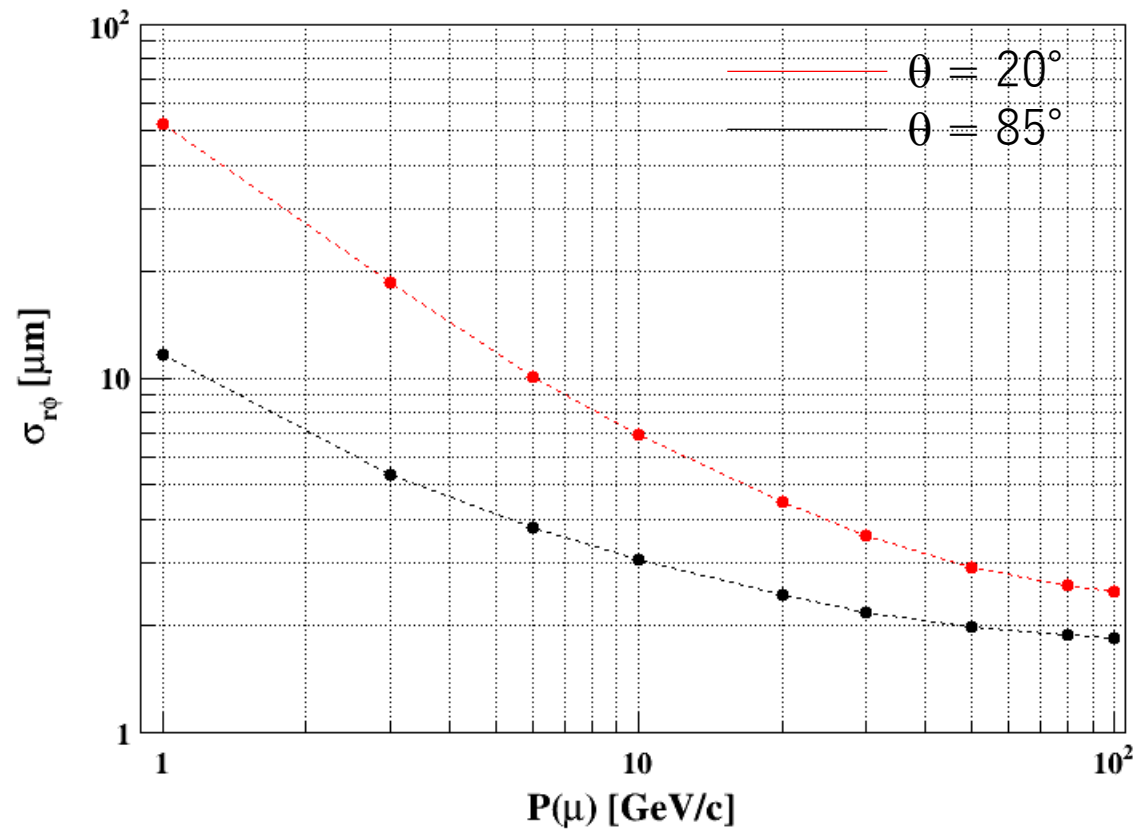
1. Removing TPC

-- Momentum resolution --



2. Removing TPC + Setting all of material budget = 0

-- Transverse impact parameter resolution --



2. Removing TPC + Setting all of material budget = 0

-- Momentum resolution --

