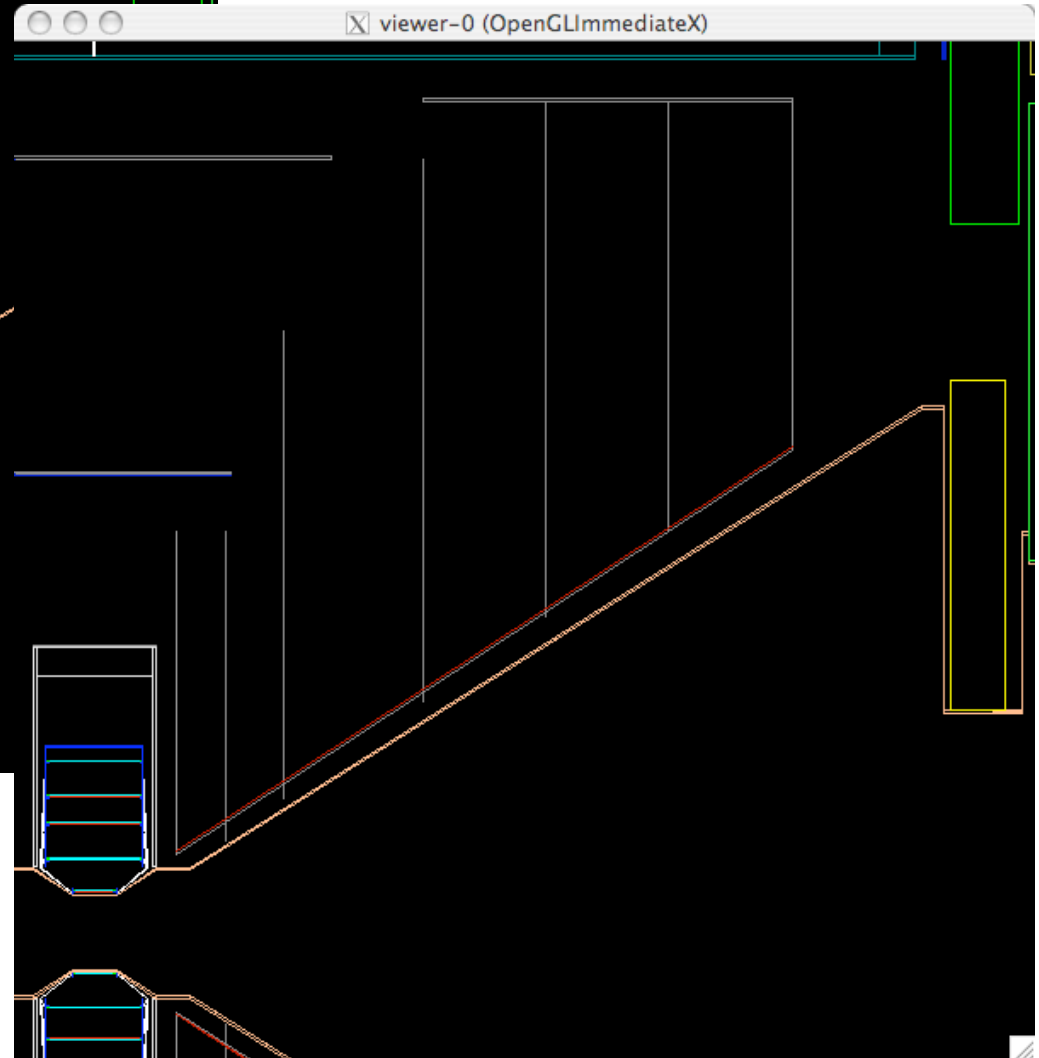


<-- ftd01 in LDC01_06



SFtd04 in LDC01_06 -->

New FTD driver SFtd03 which removes the need for a separate Super Driver -- Subdriver

It builds on the original ftd01 and makes use of the scaling set up in SFtd02

Stored in the database:

For each disk

- Z positions as percentages of the TPC_ECAL_HCAL half length
- outer radius
- Silicon thickness
- Support thickness

Common Parameters

- Tube clearance currently set to 8mm
- Outer cylinder thickness 1mm
- Cable thickness 0.08mm
- Cable Shield thickness 0.1mm

The inner radii are calculated from the TUBE_opening_angle

Parameter “TUBE_opening_angle”

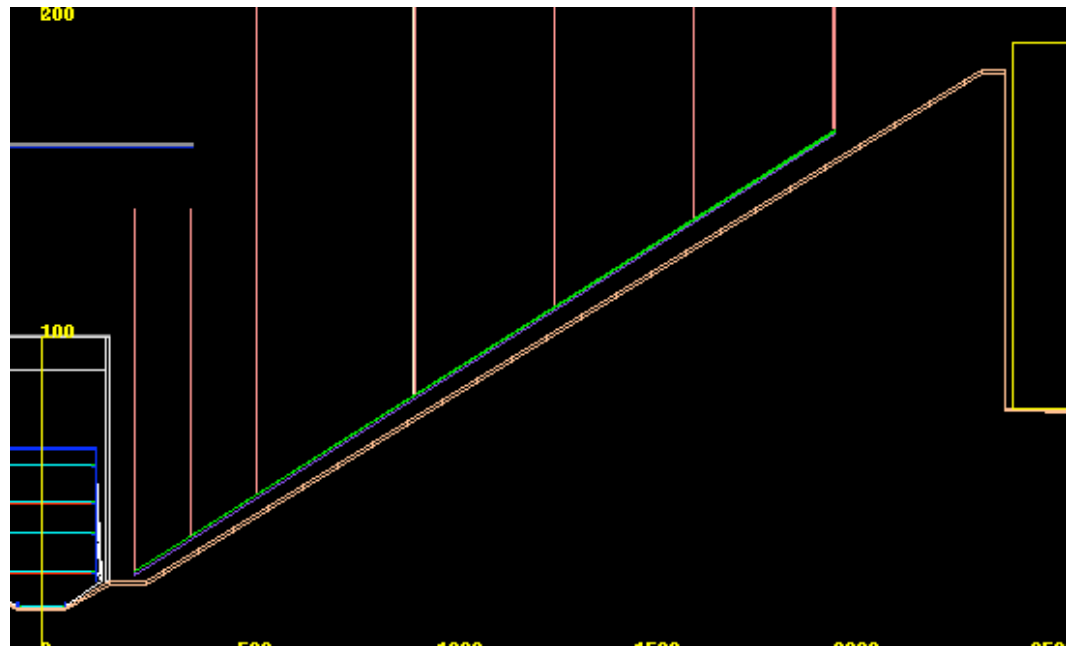
Description Lateral tube opening angle tangent

Value 0.0868486 (default) – may change at runtime!

Drivers SFtd02

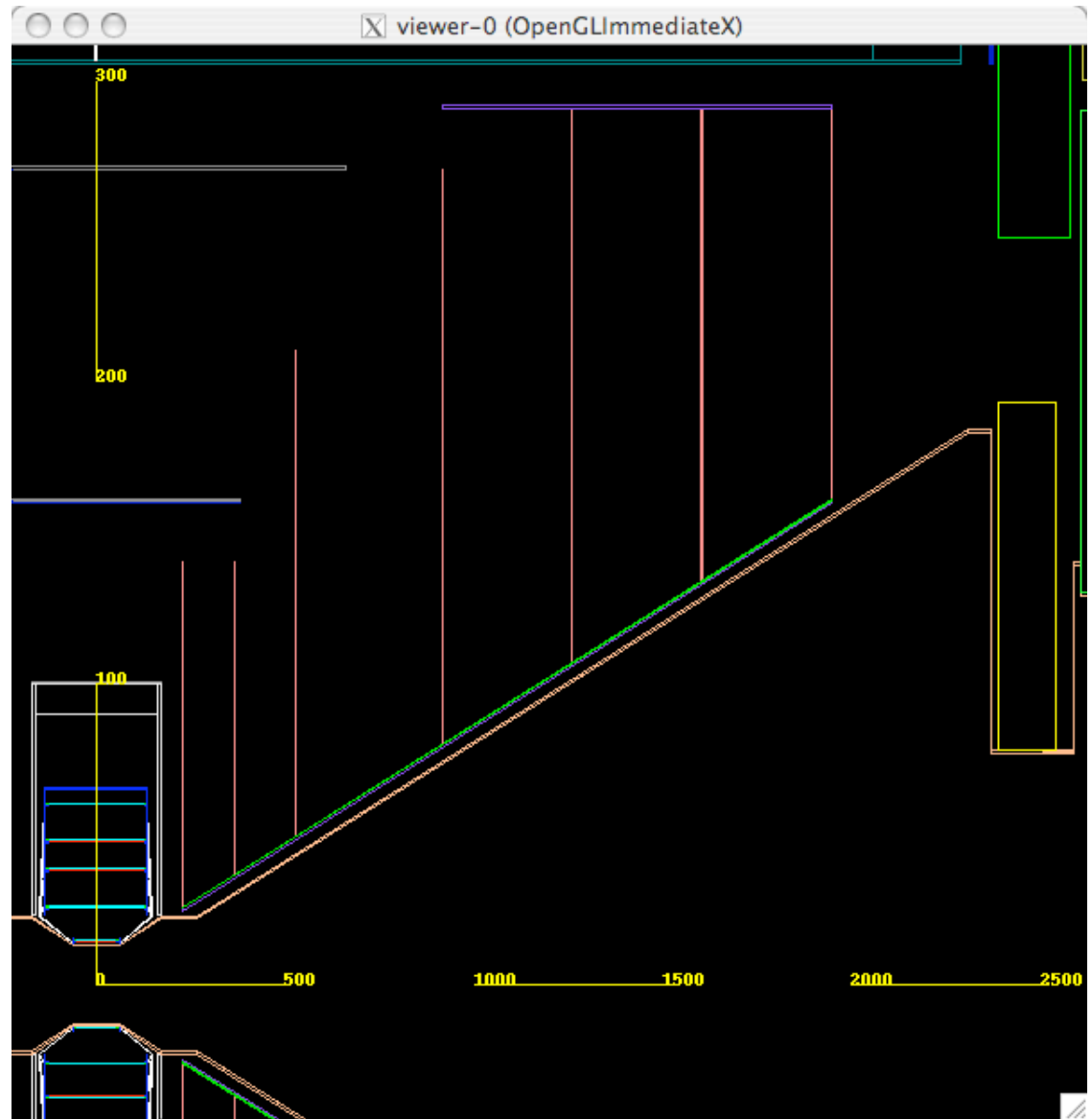
This is not set by anybody so you will always get the default value ...

For the models LDC01_06Sc_p01 and LDCPrime_02Sc_p01 it is set to 0.07876

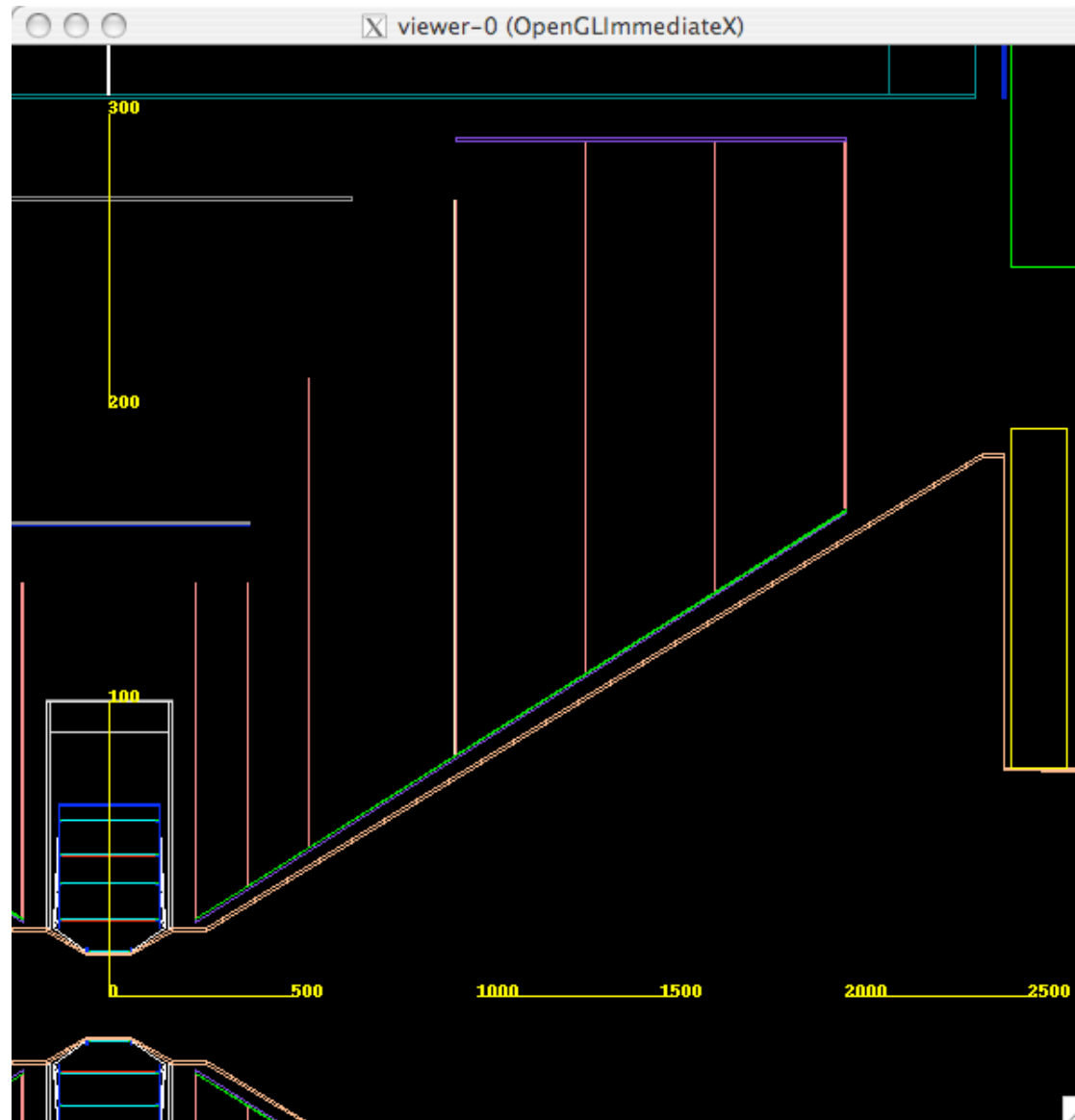


MaterialDB has been rewritten to
represent to reflect the new design
this causes non backward compatibility

We need a way to know which type of
detector we are looking at

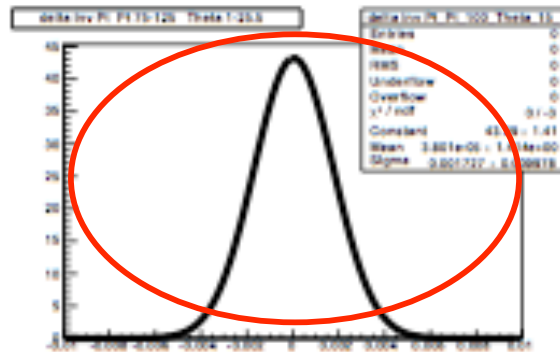
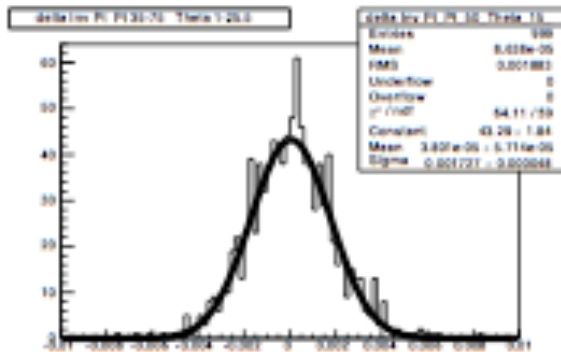
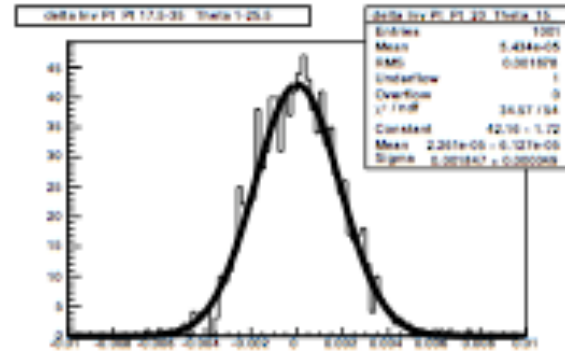
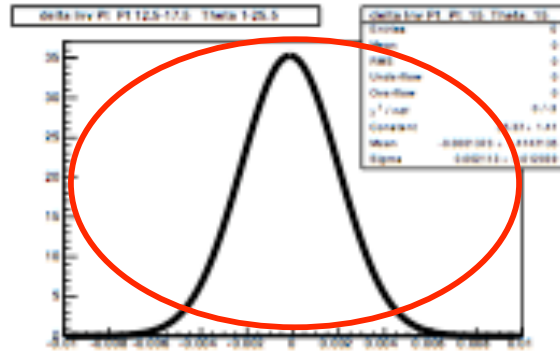
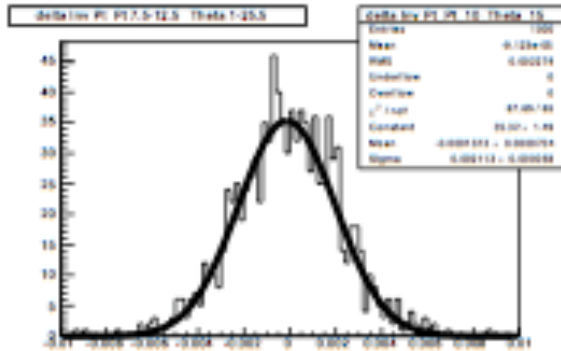
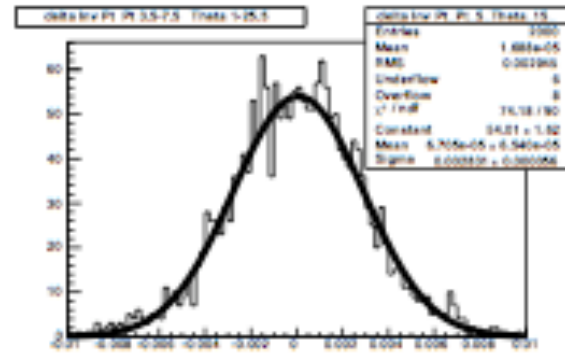
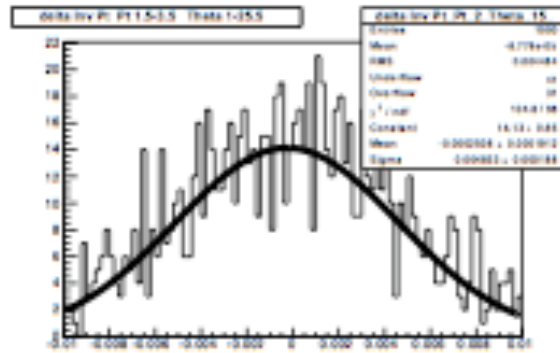
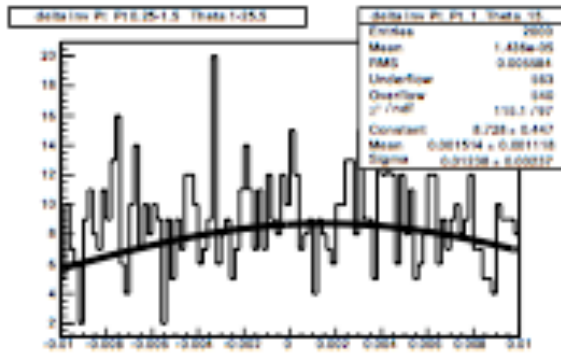


FTD Fixed in LDC01_06Sc_p01



FTD Fixed in LDCPrime_02Sc_p01

Single Muons at 7 Degrees FTD Only



Opps!

Single Muons at 7 Degrees FTD Only

