
Subject: Pipe design

Posted by [Stefano Spataro](#) on Fri, 01 Aug 2008 12:35:12 GMT

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Dear all,

the design of the beam+target pipe was changed and updated in svn.

The design now is not based on a .geo file but it is constructed via TGeo classes. In this way it was eliminated the overlap region in the region of the beam crossing.

The sizes are taken from a recent CAD drawing (thanks to Tobias) for the central part, but some numbers (in particular in the outer region) were fixed by hands in order to avoid overlaps with the TPC and with the solenoid.

The thickness is 230um in the central region, made of Al+Be.

Once we will have more detailed informations, the geometry will be updated again.

In your simulation amcro, now it is called automatically, one should not use the SetGeometyFilename function. The macro macro/run/run_sim1.C was updated.

The volumes are not yet added in the PndGeoPassivePar, because it was not clear to me what I had to add there exactly (and how). Help from experts is welcome
