Hi Tobias,
I have tried to use your Solenoid.root file as input for the magnet geometry, and I get the
following error:

Processing run_sim.C...
- RTDB container factory PndSttContFact
- RTDB container factory PndMuoContFact
- RTDB container factory PndDrcContFact
- RTDB container factory PndTofContFact
-I- CbmRun::SetMaterials() Media file used:
/home/spataro/dev/pandaroot/geometry/media_pnd.geo

============== CbmRunSim: Initialising simulation run ==============
Info in <TGeoManager::TGeoManager>: Geometry CBMGeom, CBM geometry created
-I- CbmGeoMedia Read media
CbmRunSim::Init() create visualisation manager
-I- PndFieldMap: Reading field map from ROOT file
/home/spataro/dev/pandaroot/input/TransMap.root
-I- PndFieldMap: Reading field map from ROOT file
/home/spataro/dev/pandaroot/input/DipoleMap.root
-I- PndFieldMap: Reading field map from ROOT file
/home/spataro/dev/pandaroot/input/SolenoidMap.root
Loading Geant3 libraries ...
Loading Geant3 libraries ... finished

 MZSTOR. ZEBRA table base TAB(0) in /MZCC/ at adr   747956495   2C94E90F HEX

 MZSTOR. Initialize Store 0 in /GCBANK/
      with Store/Table at absolute adrs   748065341   747956495
                         HEX   2C96923D   2C94E90F
                         HEX   1A77A   0
                  relative adrs   108410   0
      with   1 Str. in   2 Links in   5300 Low words in 4999970 words.
      This store has a fence of   16 words.

 MZLOGL. Set Log Level 0 for store 0
1***** GEANT Version 3.21/11 Released on 100298
0***** Correction Cradle Version 0.1100

 MZDIV.   Initialize Division Constant in Store 0
      NW/NWMAX= 20004000000, MODE/KIND= 1 2
      Division 20 initialized.

 MZLINK. Initialize Link Area /GCLINK/ for Store 0 NL/NS=   20   20

 MZLINK. Initialize Link Area /GCSLNK/ for Store 0 NL/NS=   100   100
-I- G3Config: Geant3 with TGeo has been created.
Physics cuts with script

/home/spataro/dev/pandaroot/gconfig/SetCuts.C
SetCuts Macro: Setting Processes..
SetCuts Macro: Setting cuts..
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave
Info in <TGeoManager::CloseGeometry>: Geometry loaded from file...
Info in <TGeoManager::SetTopVolume>: Top volume is TOP. Master volume is TOP
Info in <TGeoManager::CloseGeometry>: Voxelization retrieved from file
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
Info in <TGeoManager::CloseGeometry>: 85 nodes/ 59 volume UID's in CAD to Root
Info in <TGeoManager::CloseGeometry>: ----------------modeler ready----------------
 -W- WARNING in CbmModule::ExpandNode()!   The volume Coilo1 Has no medium information.

Or better, it is a warning but after the program exits.
Maybe there are some problems with the media?