Once again about Pythia6Direct interface - I have tried it with different kind of processes. And again it gives :
...
>>> Event 8
$$$X Primary track 10
[ERROR] === Problem: particle with index 23 has daughters= 14 && daughtersp= 4
[ERROR] === Problem: particle with index 25 has daughters= 37 && daughtersp= 2
[ERROR] === Problem: particle with index 27 has daughters= 2 && daughtersp= 2
[ERROR] === Problem: particle with index 31 has daughters= 2 && daughtersp= 2
>>> Event 9
[ERROR] === Problem: particle with index 13 has daughters= 14 && daughtersp= 2
[ERROR] === Problem: particle with index 16 has daughters= 35 && daughtersp= 2
[ERROR] === Problem: particle with index 18 has daughters= 25 && daughtersp= 2
>>> Event 10
[ERROR] === Problem: particle with index 16 has daughters= 62 && daughtersp= 2
[ERROR] === Problem: particle with index 18 has daughters= 2 && daughtersp= 2
...
seems there are some problems with transfer the information about daughters (which for me personally for the moment doesn't matter too much).
And it crashes while processing tutu_aod.C:
Processing tut_aod.C...
PndFileNameCreator::fFileName pythia6direct 13
[WARN] FairRun::SetOutputFile() deprecated. Use FairRootFileSink.
Info in <PndSdsHybridHitProducer::PndSdsHybridHitProducer>: MVD Hybrid Hit Producer created, Parameters will be taken from RTDB
Info in (PndGeoHandling::Instance): Making a new instance using the framework.
MasterRunAna: PID Task creation. Options are ""
[INFO] The input consists out of the following trees and files:
[INFO] - pndsim
[INFO]   - ./pythia6direct_sim.root
[INFO] FairRootFileSink initialized.
[INFO] - cbmout
[INFO]   - ./pythia6direct_pid.root
[INFO] Parameter and input file are available, Assure that basic info is there for the run!

****
    initialisation for run id 1602160977
****
-I- FairRunTimeDB::InitContainer() FairGeoParSet
Info in <TGeoManager::CloseGeometry>: Geometry loaded from file...
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
Info in <TGeoManager::Voxelize>: Voxelizing...
Info in <TGeoManager::CountLevels>: max level = 12, max placements = 4550
Info in <TGeoManager::CloseGeometry>: 2028308 nodes/ 5654 volume UID's in FAIR geometry
Info in <TGeoManager::CloseGeometry>: ---------------modeler ready---------------
Container FairGeoParSet initialized from ROOT file.

-I- FairRunTimeDB::InitContainer() FairBaseParSet
PndPythia6Direct::SetPandaDefaults()

 *** Break *** segmentation violation
Aborted (core dumped)

 I hope that someone could find the bug...

Best regards,
Anna

-I- FairRunTimeDB::InitContainer() FairBaseParSet
PndPythia6Direct::SetPandaDefaults()

 *** Break *** segmentation violation
Aborted (core dumped)

 I hope that someone could find the bug...