

ACORDE GEOMETRY FROM HITS

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A 3D CAD model of a mechanical assembly, likely a turbine or compressor component. The model features a central rotating part (pink) with a complex, multi-faceted design. This central part is surrounded by a red housing or casing. The entire assembly is mounted on a base (cyan) with a green cooling system (green) integrated into the design. The model includes a coordinate system with X, Y, and Z axes. Dimensions are indicated: 1350 (blue) for the overall width, 855 (red) for the height, and 2125 (blue) for the depth. The model is rendered in a wireframe style, showing the internal structure and cooling passages.

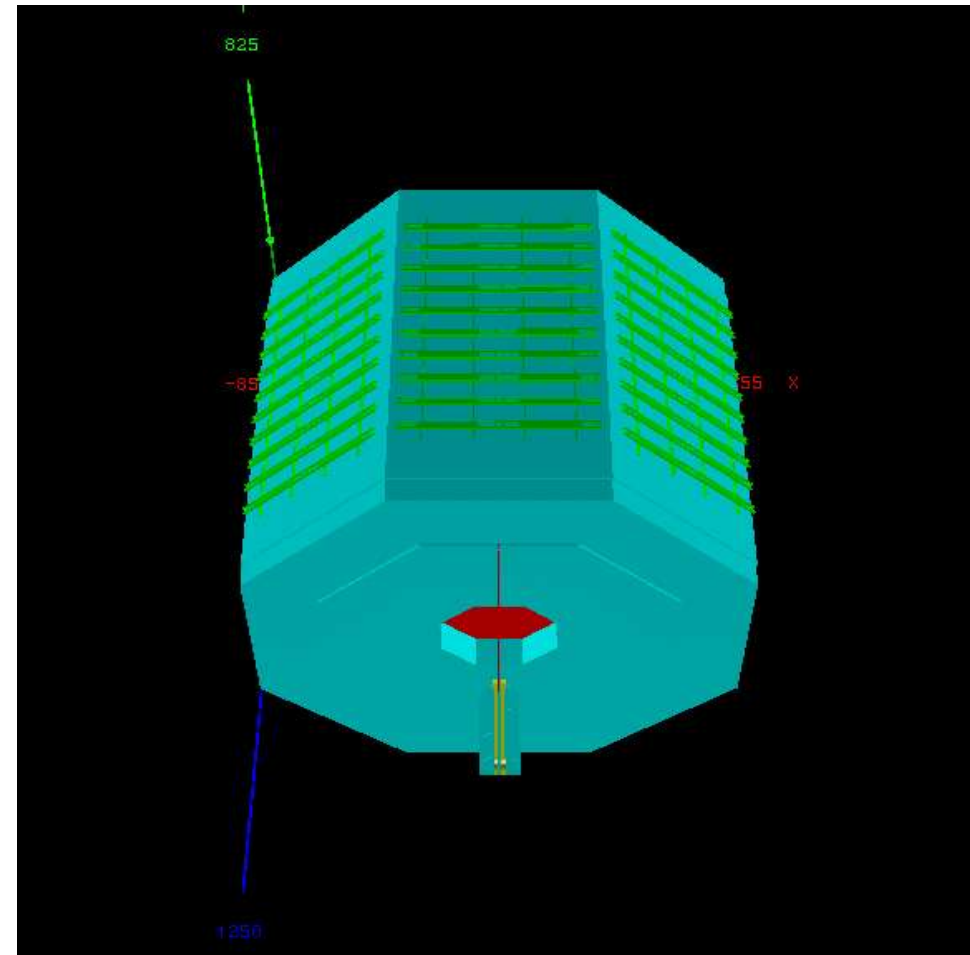
ACORDE SOFTWARE

★ AliACORDEv0.cxx

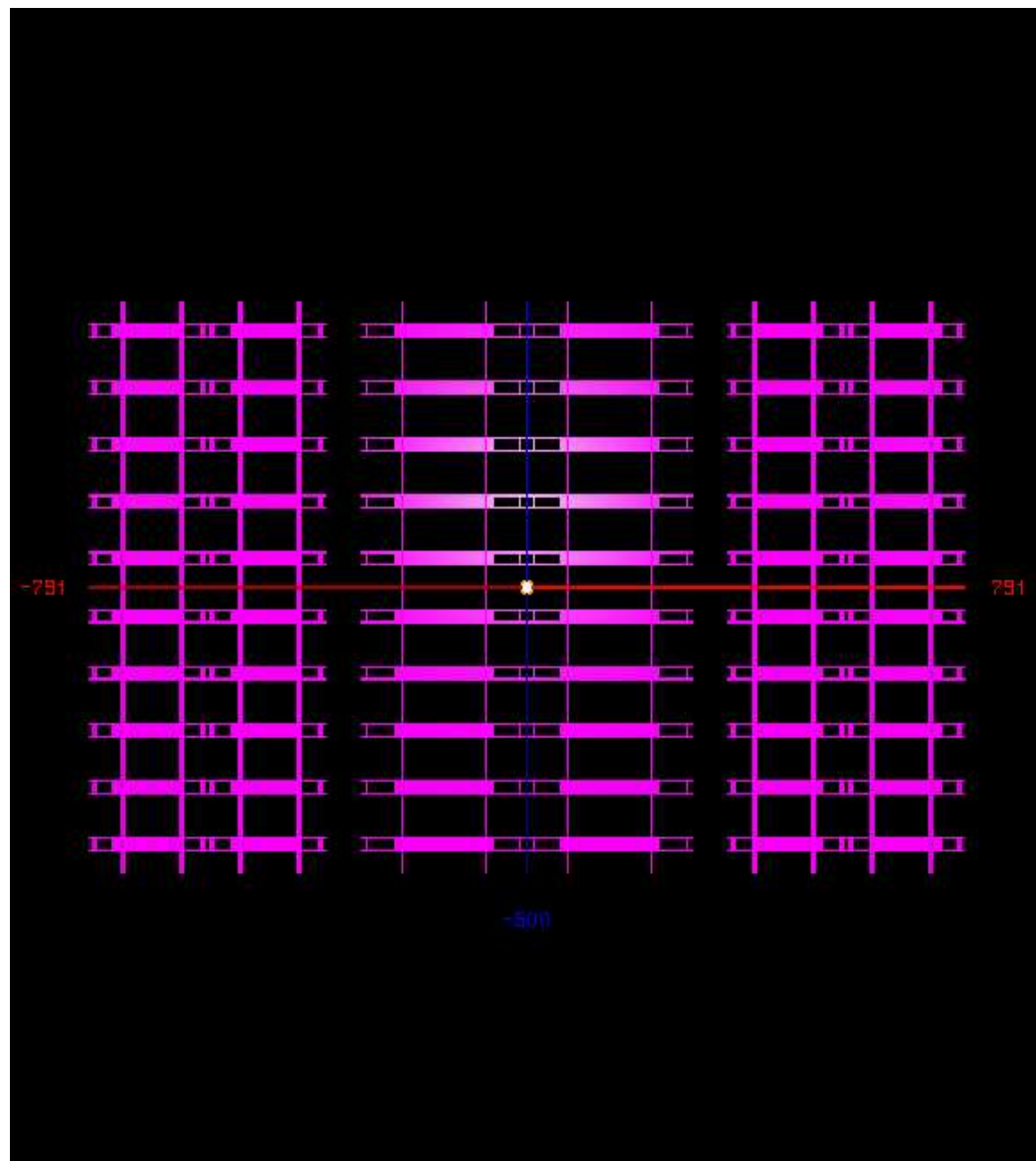
★ AliACORDEv0.h

★ AliACORDEhit.cxx

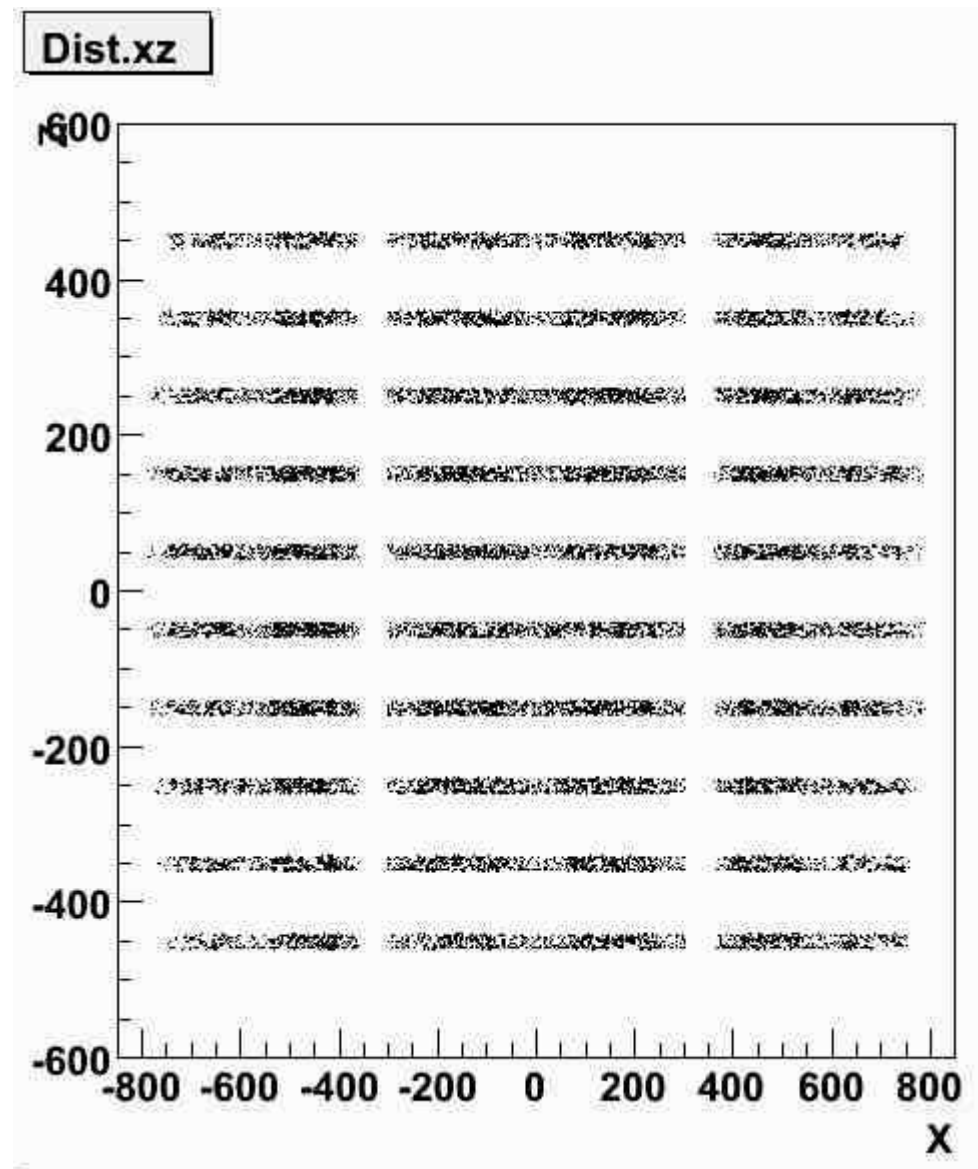
★ TestACORDEHits.C



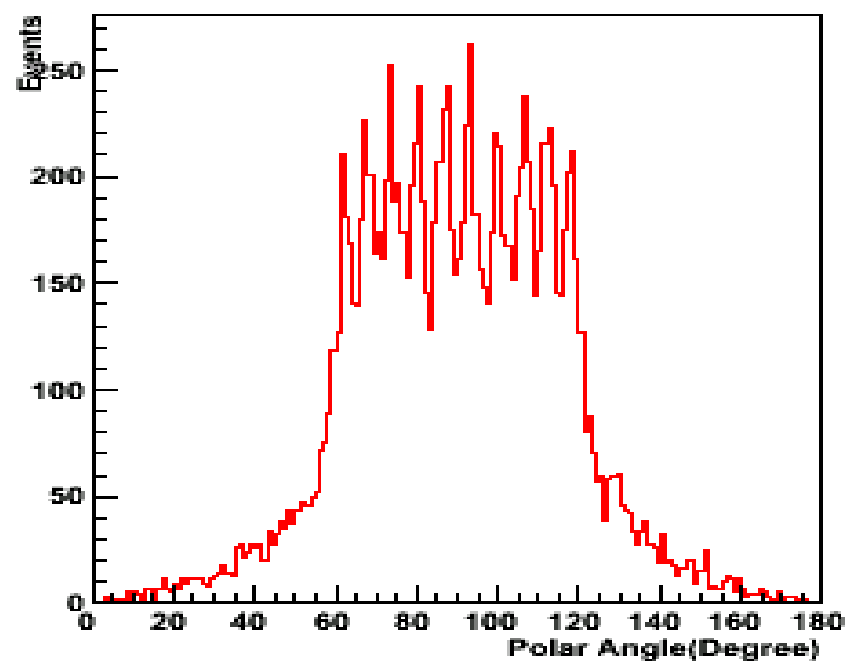
Geometry created



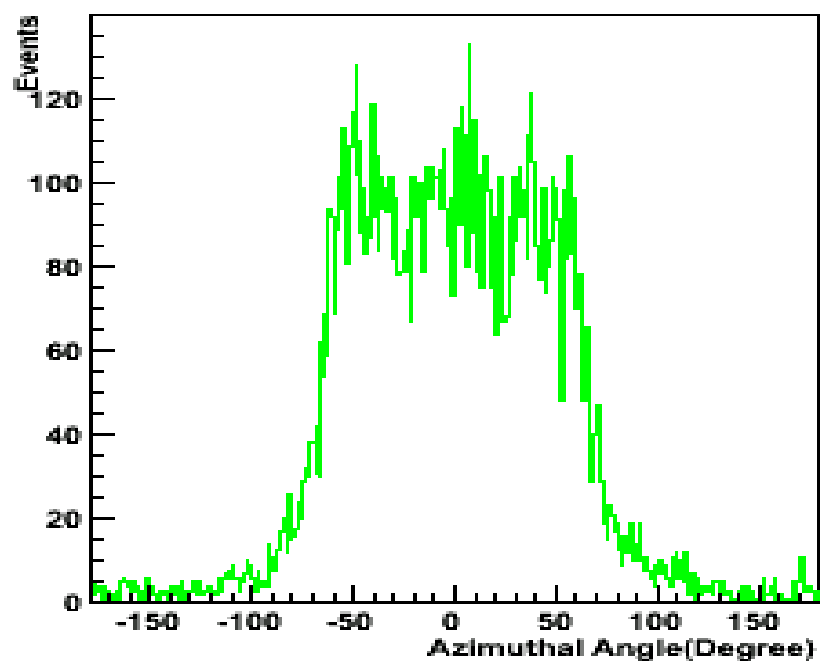
Geometry reproduced



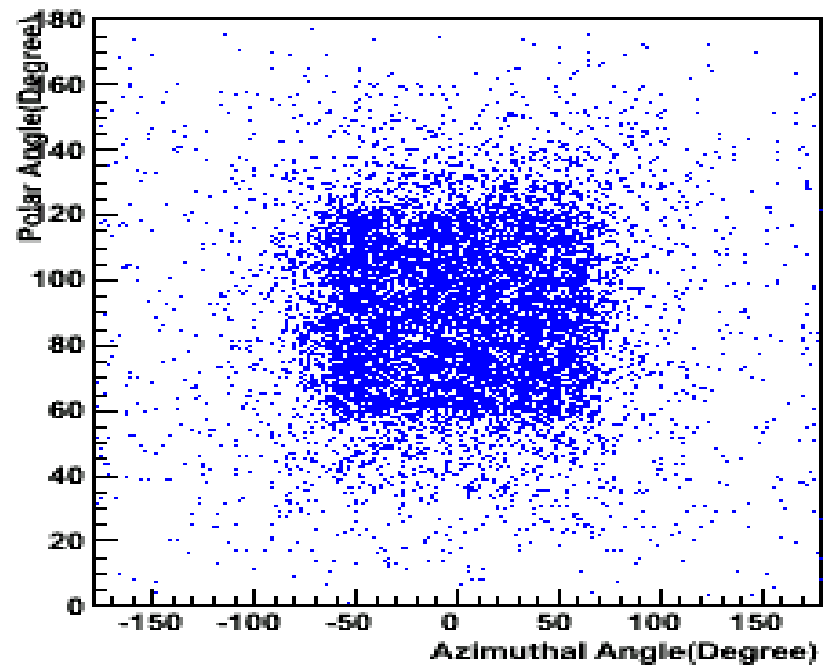
Polar Angle



Angle(Px,Py)

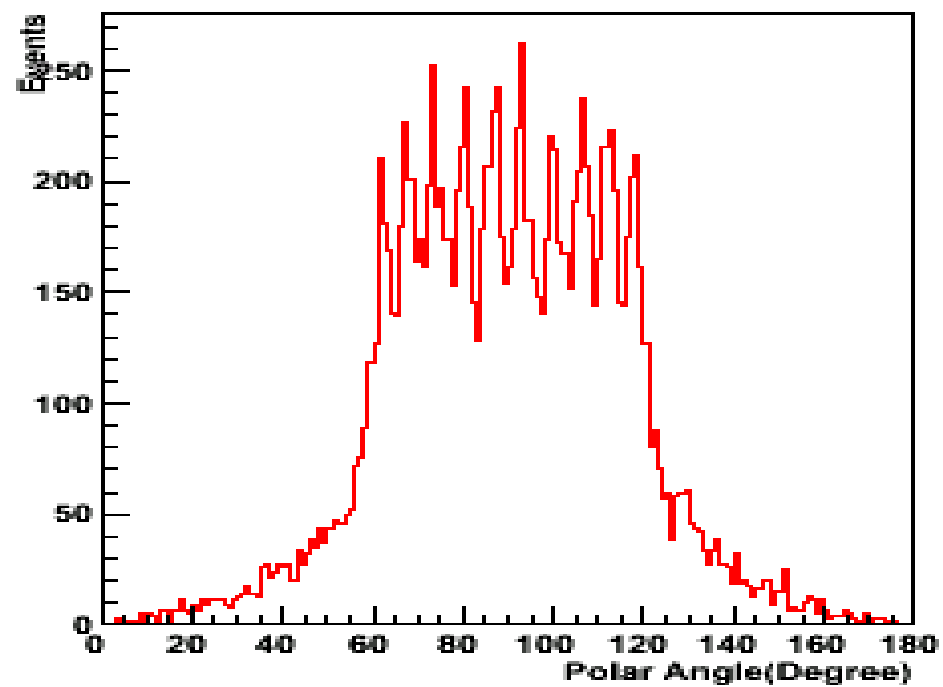


Ang(px,py) vs Polar

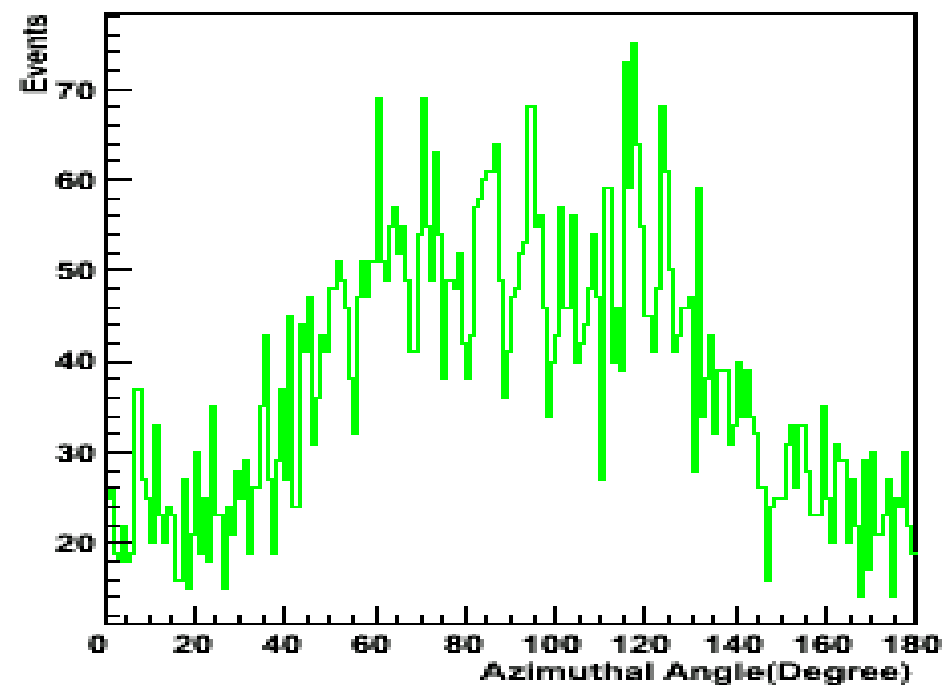


*Projection of hits in the
Azimuthal Polar Angle*

Polar Angle



Angle(Px,Pz)



Ang(px,pz) vs Polar

