

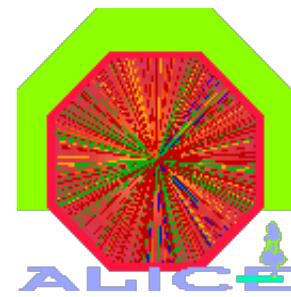


ALICE FMD Alignment Considerations



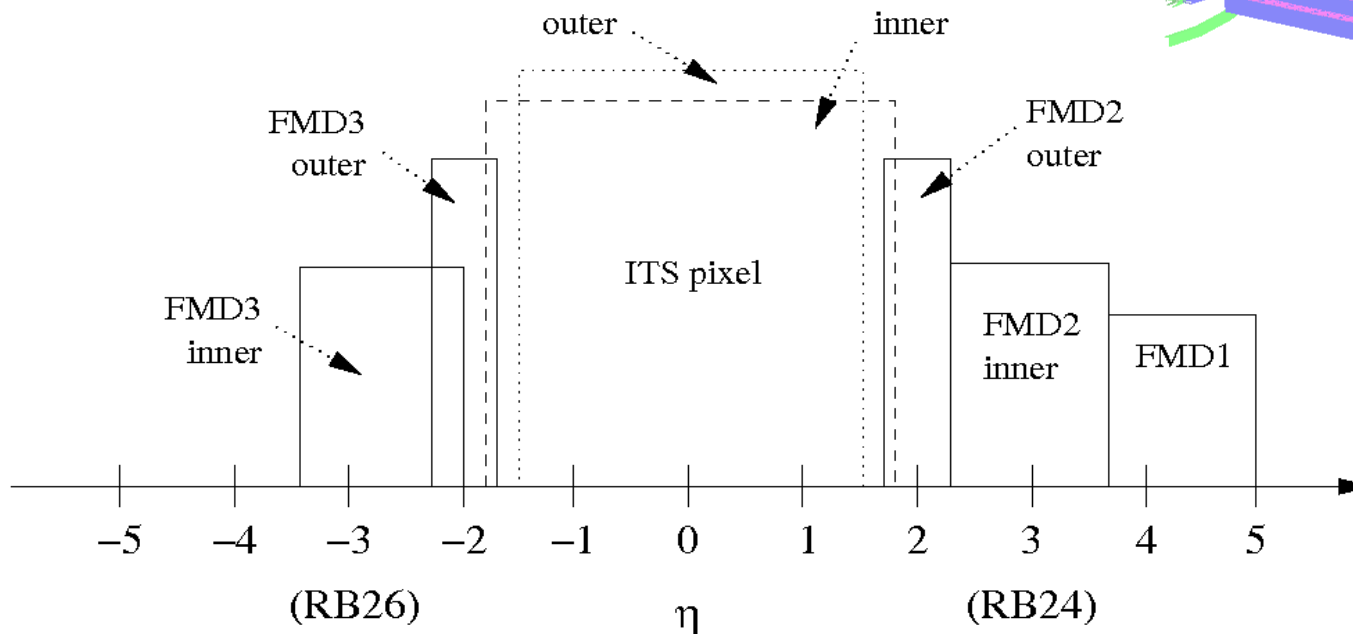
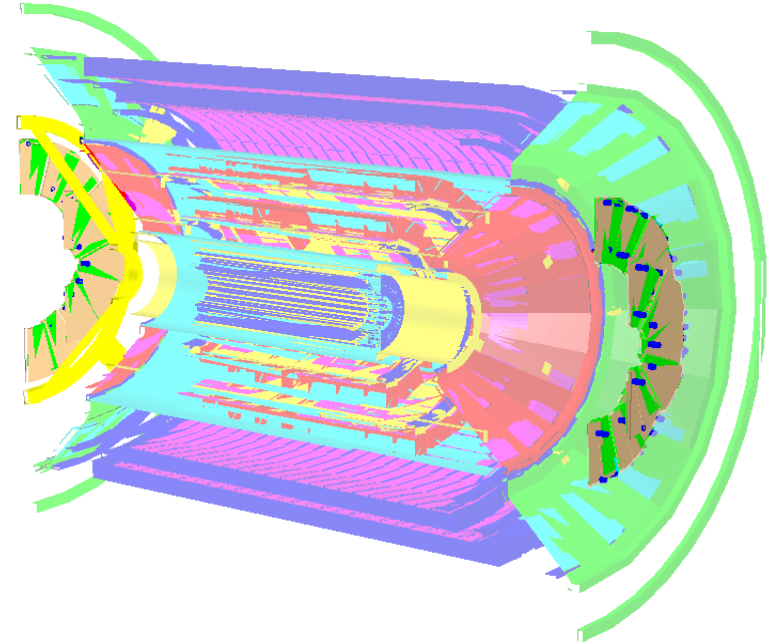
Overview

- The FMD
-



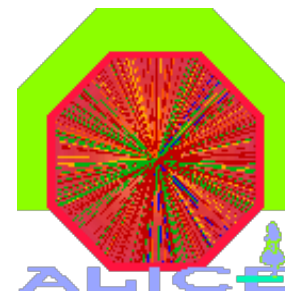
The Environment of the FMD

Minimal overlap with ITS,
possibly match ITS tracks to
hits in low multiplicity
events. However ...

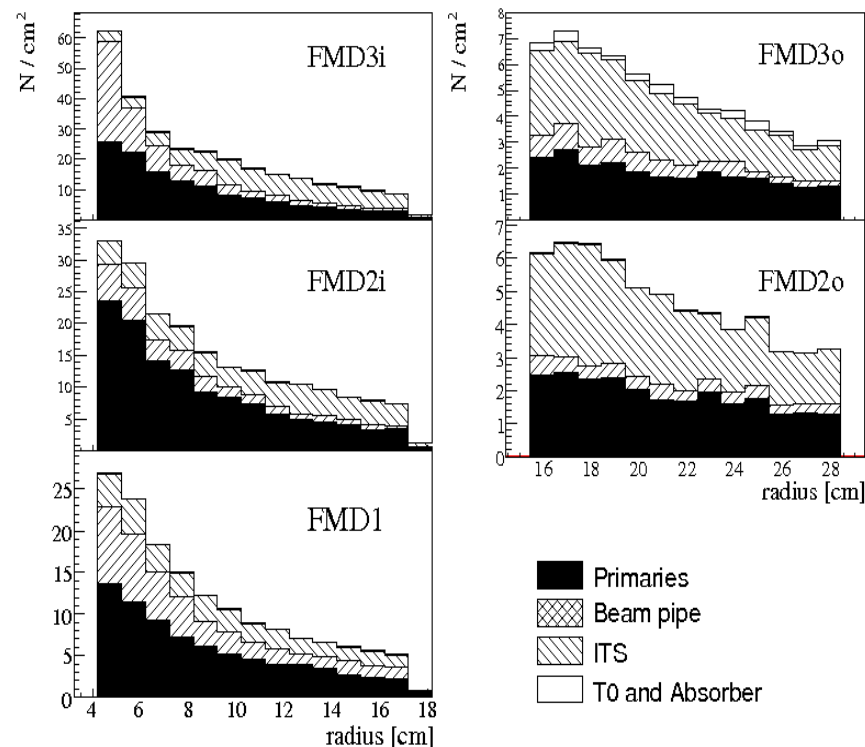
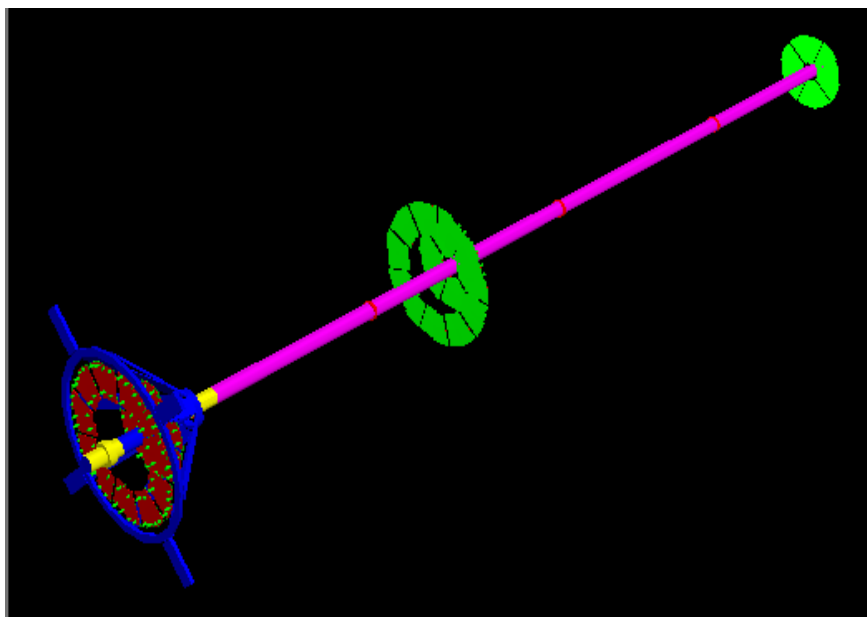




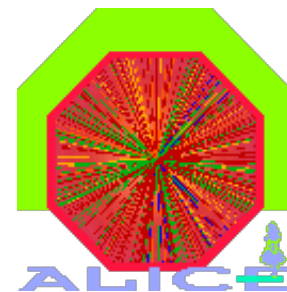
The Environment of the FMD



... large background,
makes it hard to match
track to hit!



Most background from ITS support
and beam pipe.





Other options(?)

- Could use V0 hit patterns, but granularity of V0 larger than FMD.
- Use symmetry arguments, but that excludes other interesting measurements.
- ...

Will probably rely solely
on survey data



Needed in offline

- Access to survey data in EDMS 
- A list of survey points
- 'Recipe' to turn survey points into a (T)Geometry. Already partially envisioned in AliFMDGeometry. 
- Drastic change in configuration will be reflected in 'Recipe' code.