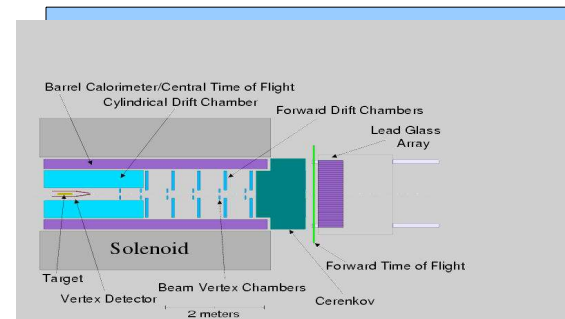


## Needed R&D Efforts



**Start Counter**: Work with Fermilab group to understand technology. Optimize fiber and scintillator arrangement.

**Time of Flight**: Wall: Tests at Sepukhov to study achievable timing resolutions (100ps).

**Chamber Carriage**: Engineering work needs to be done to understand chamber alignment, supports and cabling. This needs to happen before chamber designs get finalized.

**MEGALASS Magnet**: This needs to be moved, tested and mapped.

**MonteCarlo**: Current efforts based on MCFast. Need to begin moving to a Geant based system.