Question for LAr Detector

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LAr Questions

- Before a decision in principle can be made the following questions/issues need to be addressed
 - What is the additional facility cost for a LAr detector?
 - Can the LAr detector handle the high rate?
 - The feasibility of the pixel readout needs to be demonstrated.
- The answers to the following questions might influence the detailed design
 - Can the active volume height be increased? (Hall height)
 - Can neutrino electron scattering be measured?
 - What size is needed for hadron containment?
 - Is a side muon spectrometer needed?
 - What is the statistics in the fiducial volume?
 - What is the muon acceptance for LAr interactions for the different tracker options?

