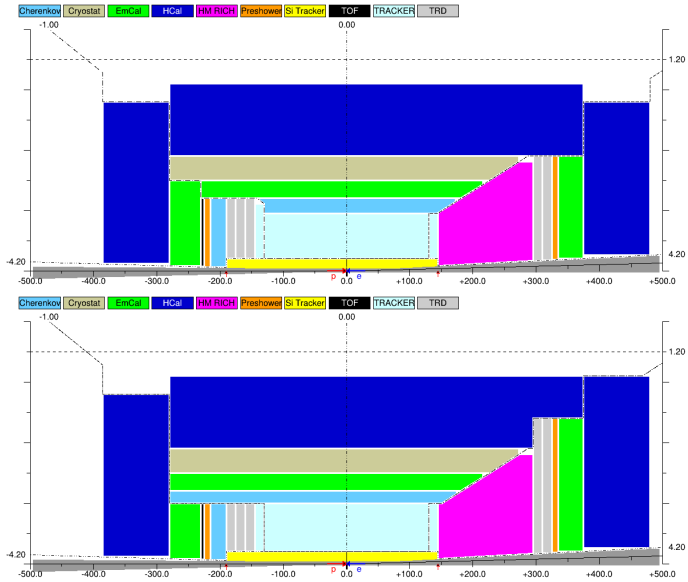


YR DWG Calorimetry: New Layout



- e-Arm*
- ECAL: 50 cm
- HCAL: 105 cm
- h-Arm*
- ECAL: 40 cm
- HCAL: 105 cm
- Barrel*
- ECAL: 30 cm ?
- HCAL: —

Geometrical Constraints

- Revisit the space needed for electronics
- List technologies which can fit into the space currently allocated and the expected parameters
- List the impact of the allocated space on the parameters. Say, what would be an improvements if +X cm is allocated. A different technology may provide a qualitative improvement.

Readout and SiPM

- Crystals: 1 GeV - 10k pixels, 20 GeV \rightarrow 200k pixels - should be $<30\%$ of the total. One needs small pixel size and a large surface.

EIC Streaming Readout Architecture

