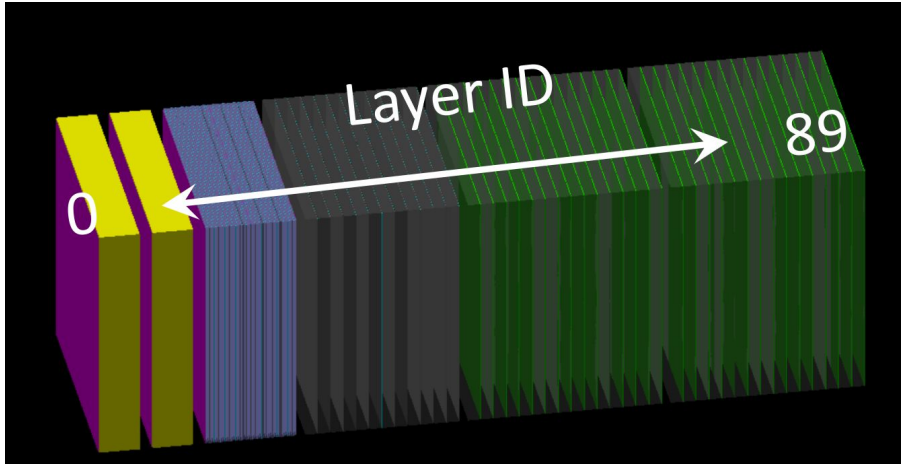
ZDC Current Status



- **Libraries are currently being integrated into Fun4all**
  - Being compilation validated
- OBJ G4_hFarFwdBeamLine_EIC.C will be modified soon
  - stored in a special branch for validation
- **Our responsibility: fine tuning**

master **fun4all_eicdetectors** / simulation / **g4simulation** /

This branch is 1 commit ahead of eic:master.

shimasnd adding a realistic ZDC design to the Fun4all

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g4beastmagnet	move g4 sim
g4drcalo	fix unused var
g4eiccalos	clang-format
g4eicdirc	for developme
g4jleic	move g4 sim
g4lblvtx	remove exec
g4mrich	move g4 sim
g4rich	move g4 sim
g4zdc	adding a reali

Validation of ZDC?

- **During the validation stage, should the ZDC design stay in the special branch?**

- **Validation with Particle gun?**
  - Particle? Neutron and Gamma
  - Energy range ?
  - Sample size ?
  - Volunteer for this task. Working with Shima and Jin

- **Sufficient Energy resolution and position resolution?**
  - Physics processes

- **Compared to the ad hoc energy and position resolution**

- **Improvement or different design?**