LAMPS simulation

- Official repository
  https://github.com/LAMPS-collaboration/kebi

- Forked repository for up-to-date simulation
  https://github.com/sh-lim/kebi-1/tree/master/LAMPS-HighEnergy

- Simulation for beam test
  - Beam flux, spatial and energy profile after collimator/absorber
  - Target simulation for event rate is ongoing

- Set up a server of 32-core for simulation/code development

- Full simulation
  - Integration of software for tracking/vertexing (Genfit2/Rave)
  - Plan: BDC and tracking
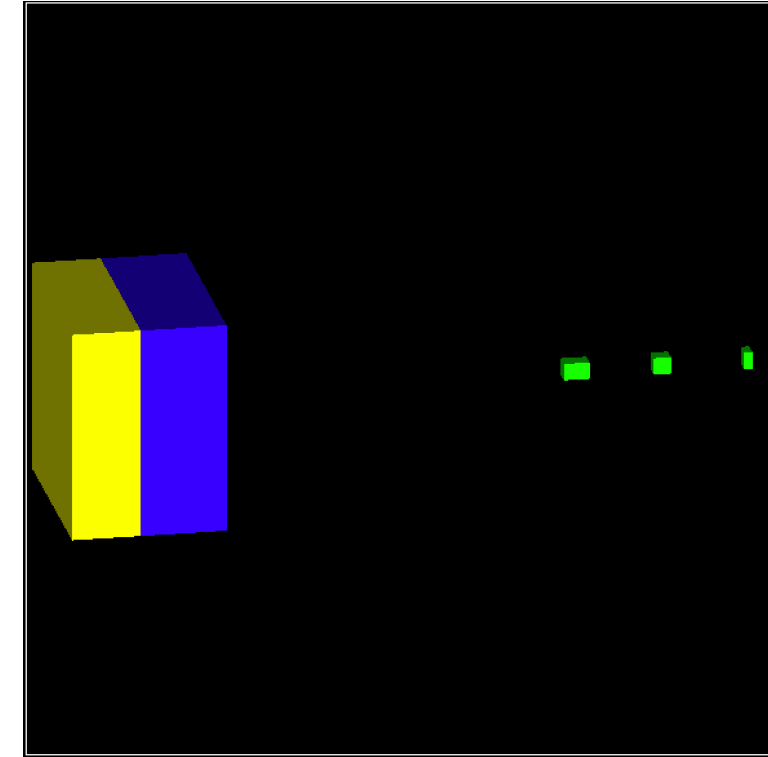
TB20A.mc.Air.collimator.Al.S0.H0, energy, in [50x50] at z=0

| p, 2502 |
| n, 9861 |
| γ, 19506 |
| e-, 174 |
| e+, 7 |
| deuteron, 0 |
| p (2nd), 5 |
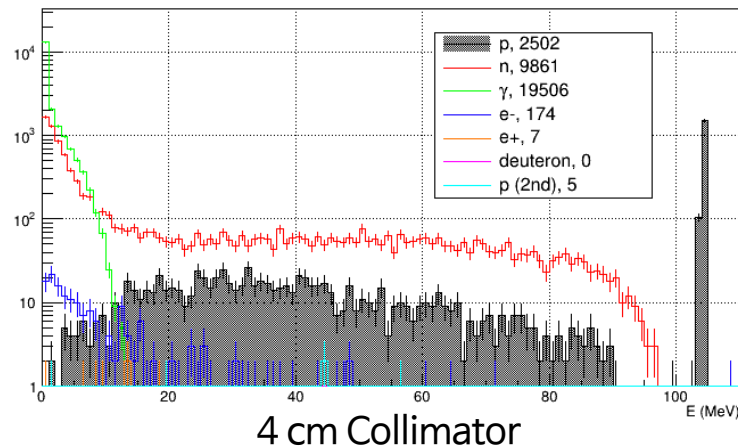
4 cm Collimator

TB20A.mc.Air.collimator.Al.S0.H0.Gap0, energy, in [50x50] at z=0

| p, 1647 |
| n, 9110 |
| γ, 16926 |
| e-, 100 |
| e+, 3 |
| deuteron, 0 |
| p (2nd), 3 |
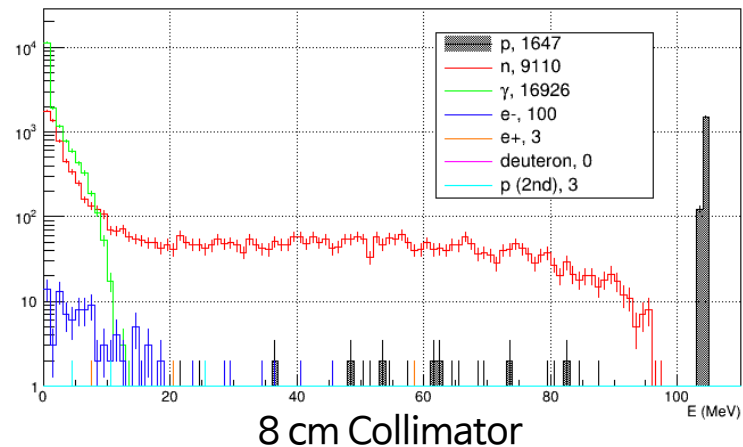
8 cm Collimator

TB20A.mc.Air.collimator.Al.S0.H0.Shield.B.CCSS, energy, in [50x50] at z=0

| p, 1601 |
| n, 4445 |
| γ, 11674 |
| e-, 77 |
| e+, 5 |
| deuteron, 1 |
| p (2nd), 2 |

8 cm Collimator + 10 cm Boron