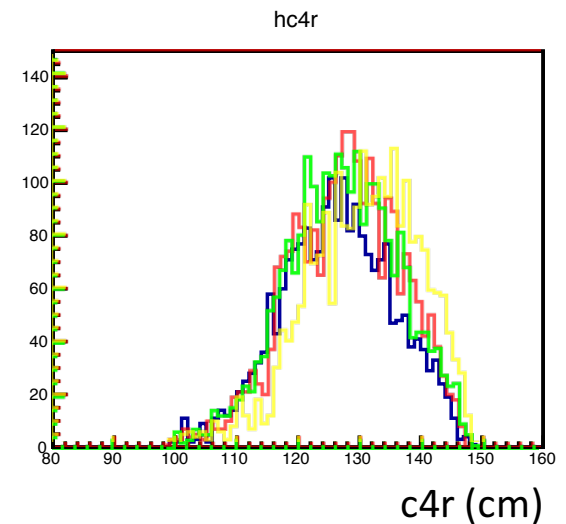
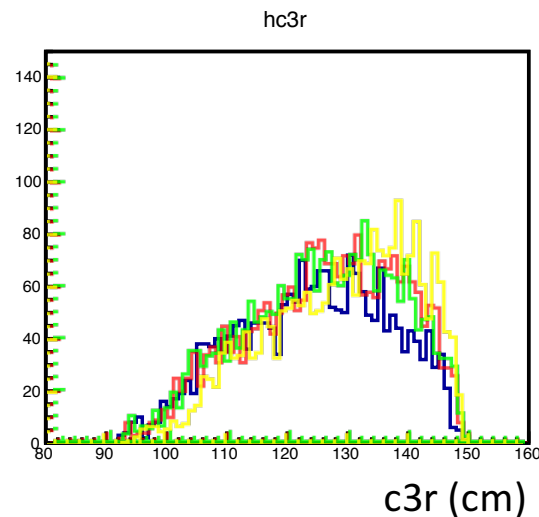
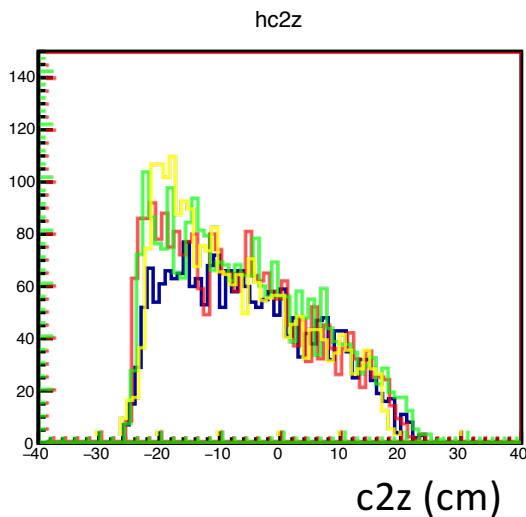


GEANT4 Works

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Chiba Univ.

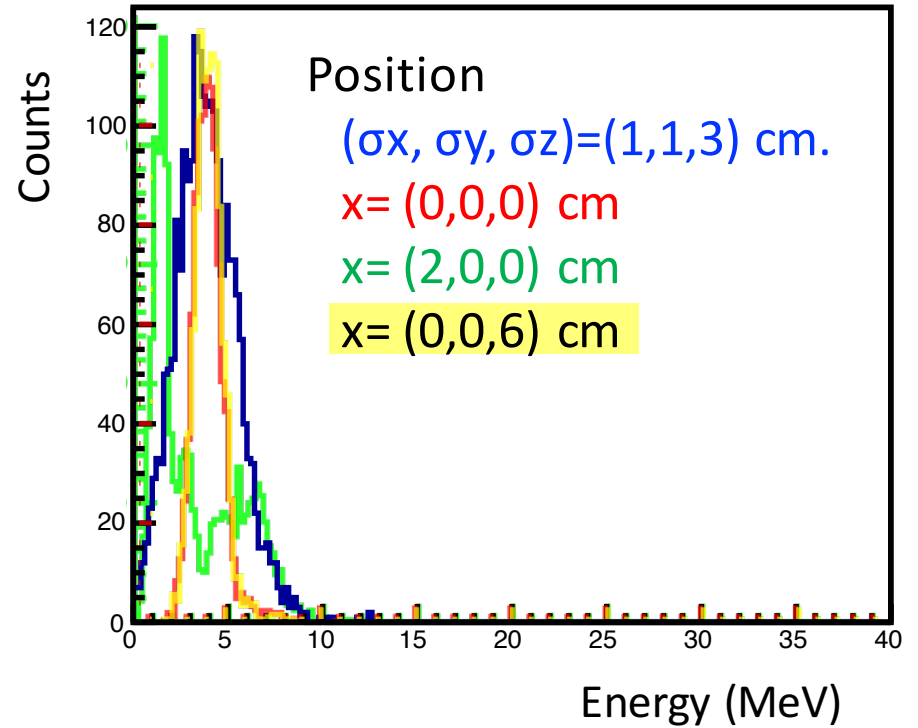
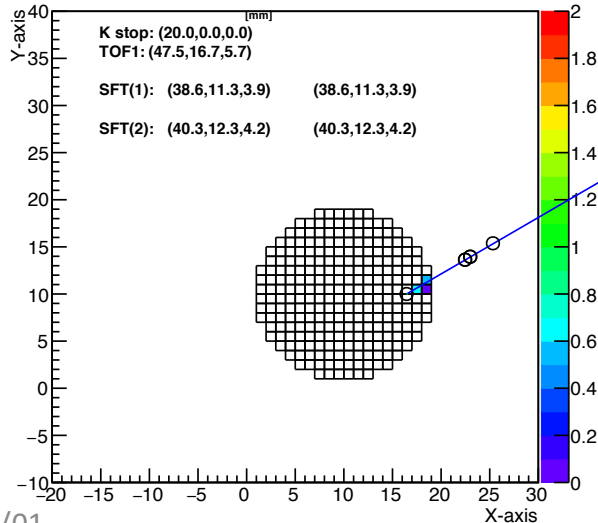
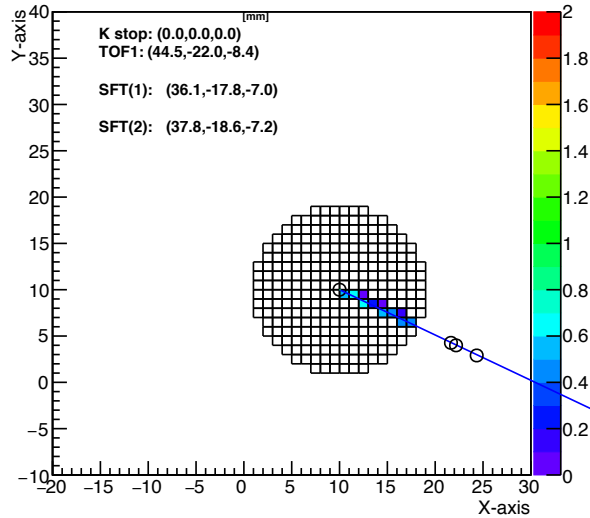
Chamber Hit profile for Ke2

- Primary generation position is variable.
 - Position: Gaussian random ($\sigma_x, \sigma_y, \sigma_z$)=(1,1,3) cm.
 - Position: x= (0,0,0) cm
 - Position: x= (2,0,0) cm
 - Position: x= (0,0,6) cm



Ke2 primary Generation for e^+ (247 MeV/c).
 e^+ emits Isotropically.

Target Deposit Energy

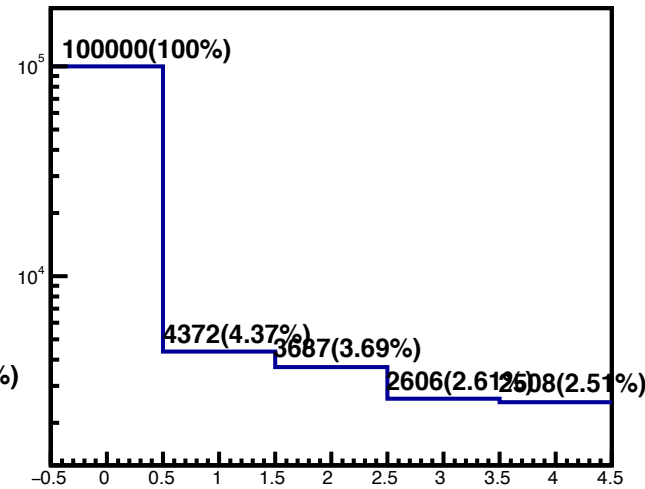
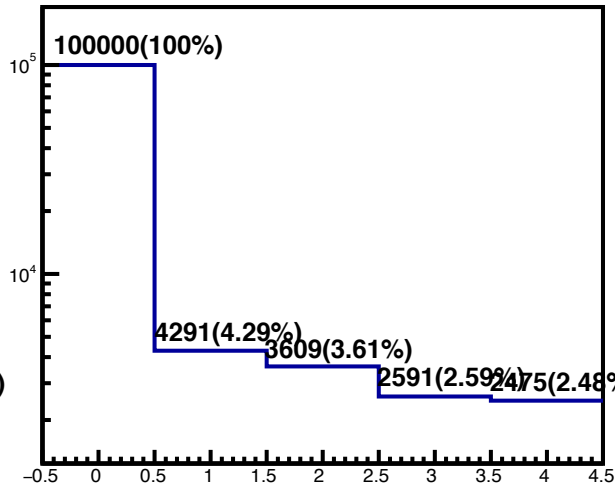
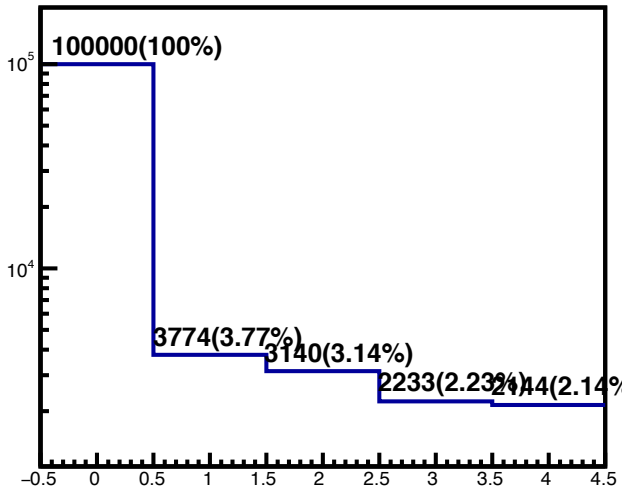


Hit event efficiency

$(\sigma_x, \sigma_y, \sigma_z) = (1, 1, 3)$ cm

$x = (0, 0, 0)$ cm

$x = (2, 0, 0)$ cm



Total

Trg. TF1 TTC

C2-4

TF2

PGC

Total

Trg. TF1 TTC

C2-4

TF2

PGC

Total

Trg. TF1 TTC


C2-4

TF2

PGC

Debug

(1) TOF2 Z-position

Before		After	[mm]
TOF2 all		TOF2-1	1600
z = 1600 mm		TOF2-2	1613
		TOF2-3	1621
		TOF2-4	1620
		TOF2-5	1536
		TOF2-6	1539
		TOF2-7	1535
		TOF2-8	1611
		TOF2-9	1608
		TOF2-10	1600
		TOF2-11	1598
		TOF2-12	1601

(2) PGC Gap ID number

... Simple mistake to calculation and the debug was performed.

(3) PGC data components for Energy and time become to 84 from 12.

(4) AC bag ... data input condition was debug.

cadMesh Compile Error

- I compiled G4 source yesterday, but the error message was output below.

```
-- Configuring done
-- Generating done
-- Build files have been written to:
/home/had/itohiro/e36/G4MC/g4E36test6/g4E36Branch/buildE36
CMake Warning at CMakeLists.txt:19 (FIND_PACKAGE):
  By not providing "Findcadmesh.cmake" in
  CMAKE_MODULE_PATH this project has
  asked CMake to find a package configuration file
  provided by "cadmesh", but
  CMake did not find one.
```

```
Could not find a package configuration file provided by
"cadmesh" with any
of the following names:
```

```
cadmeshConfig.cmake
cadmesh-config.cmake
```

```
Add the installation prefix of "cadmesh" to
CMAKE_PREFIX_PATH or set
"cadmesh_DIR" to a directory containing one of the
above files. If
"cadmesh" provides a separate development
package or SDK, be sure it has
been installed.
```

```
-- Configuring done
-- Generating done
-- Build files have been written to:
/home/had/itohiro/e36/G4MC/g4E36test6/g4E36Branch/buildE36
Scanning dependencies of target Trek
```