

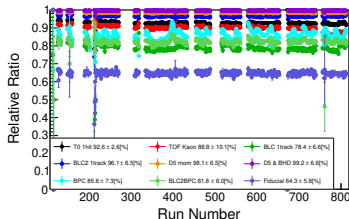
Beam Line Analysis

Kentaro Inoue

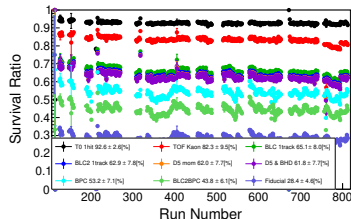
May 7, 2019

Kaon Number

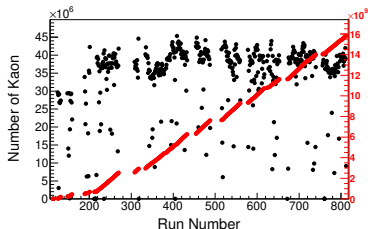
Relative Ratio



Survival Ratio

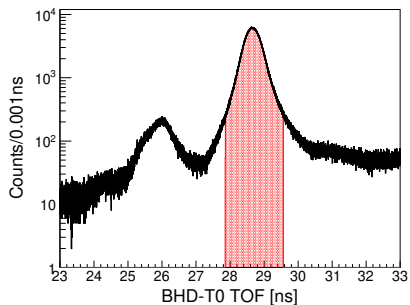
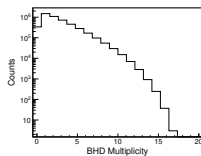
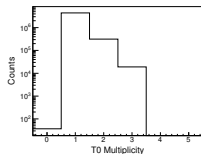


Irradiated Kaon Number



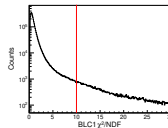
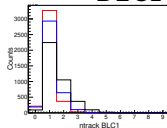
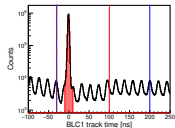
15.8 ± 0.3 G kaon were irradiated on liquid-deuterium target.

BHD-T0 analysis

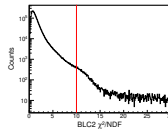
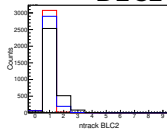
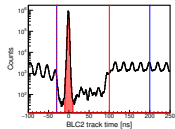


Beam Line Chamber Condition

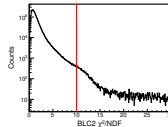
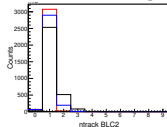
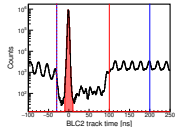
BLC1



BLC2



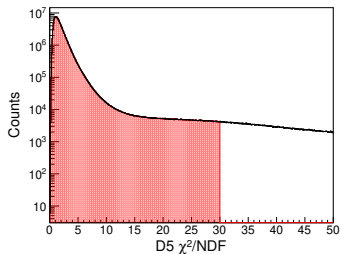
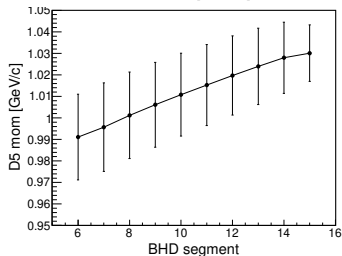
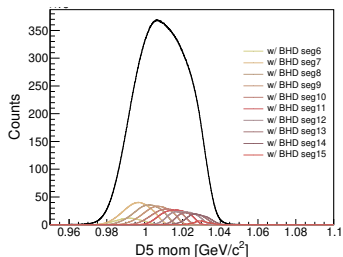
BPC



BLC was selected $-30 \sim 100$ time window.

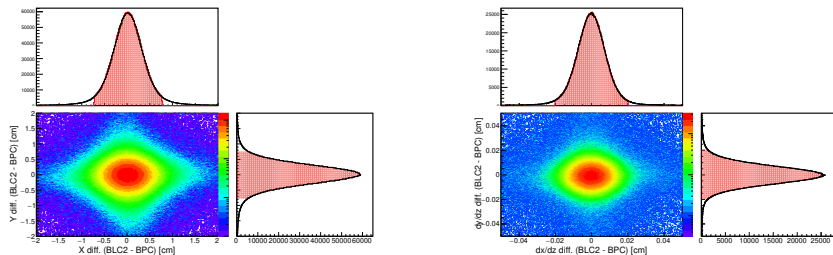
BLC $\chi^2/NDF < 10$ was selected.

Beam momentum analysis by D5



D5 momentum has a correlation about BHD segment.

BLC2 and BPC connection



BLC2 and BPC position was connected at center of both.