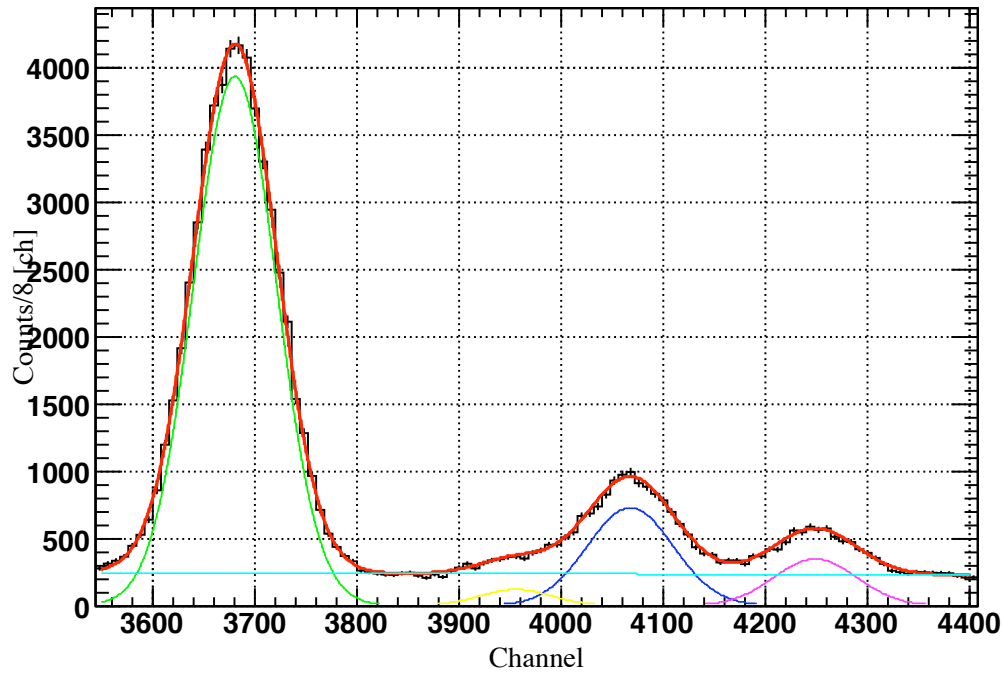


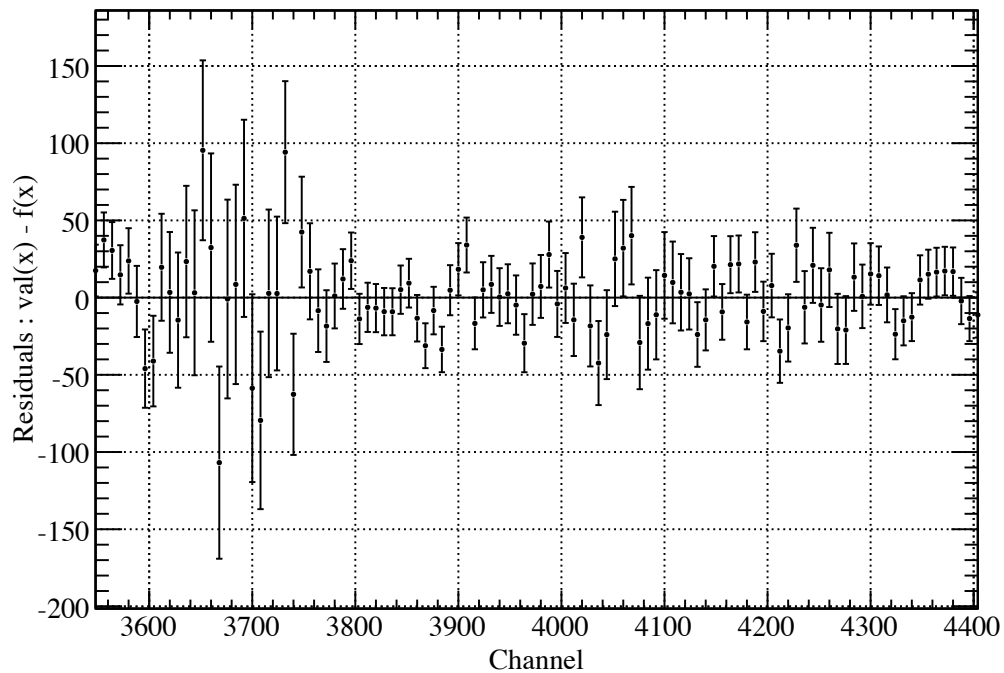
20/Nov/2006 H. Tatsuno

CuK $\alpha$  / NiK $\beta$  ratio  
PSI data

PSI SDD data fit



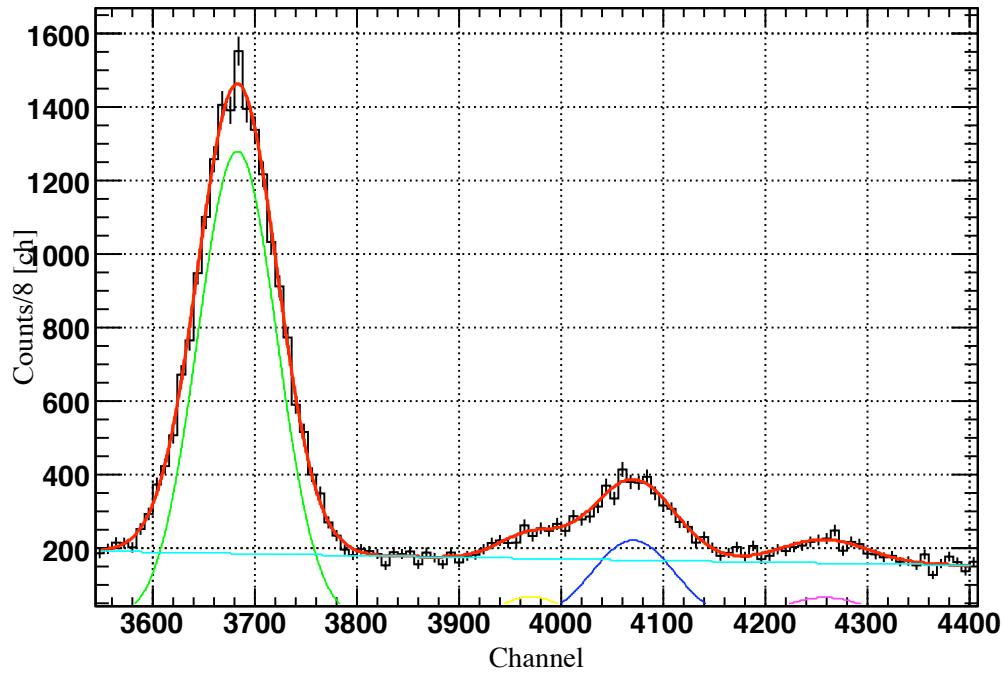
Residuals of Fit



run 22  
Production  
( $^{55}\text{Fe}$  + pion beam)

Ni local fit  
Gauss(NiKa, NiKb, CuKa, ZnKa)  
+  
Exponential background

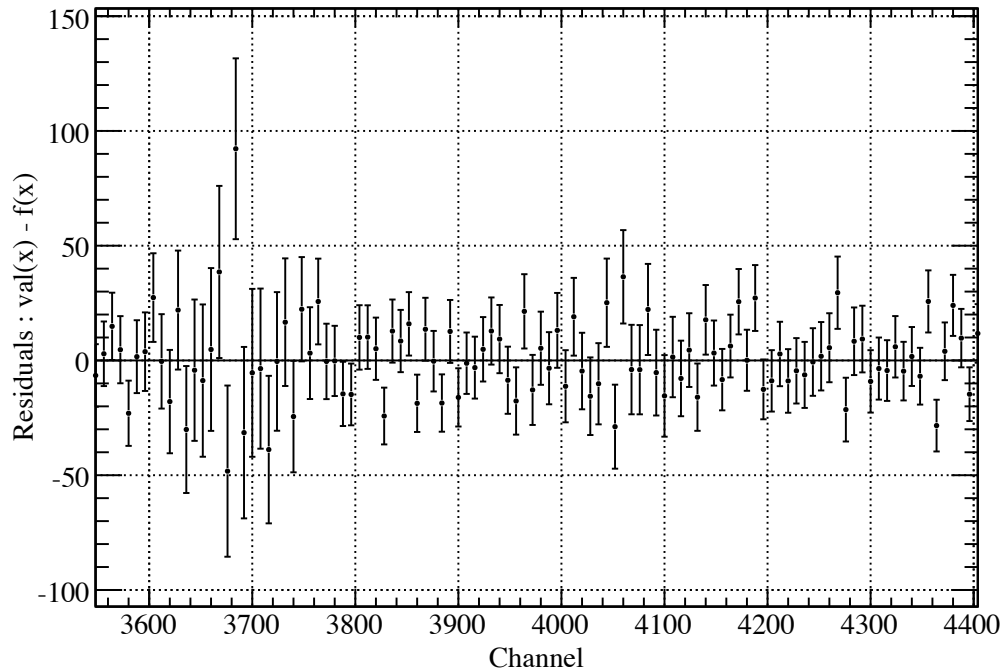
PSI SDD data fit



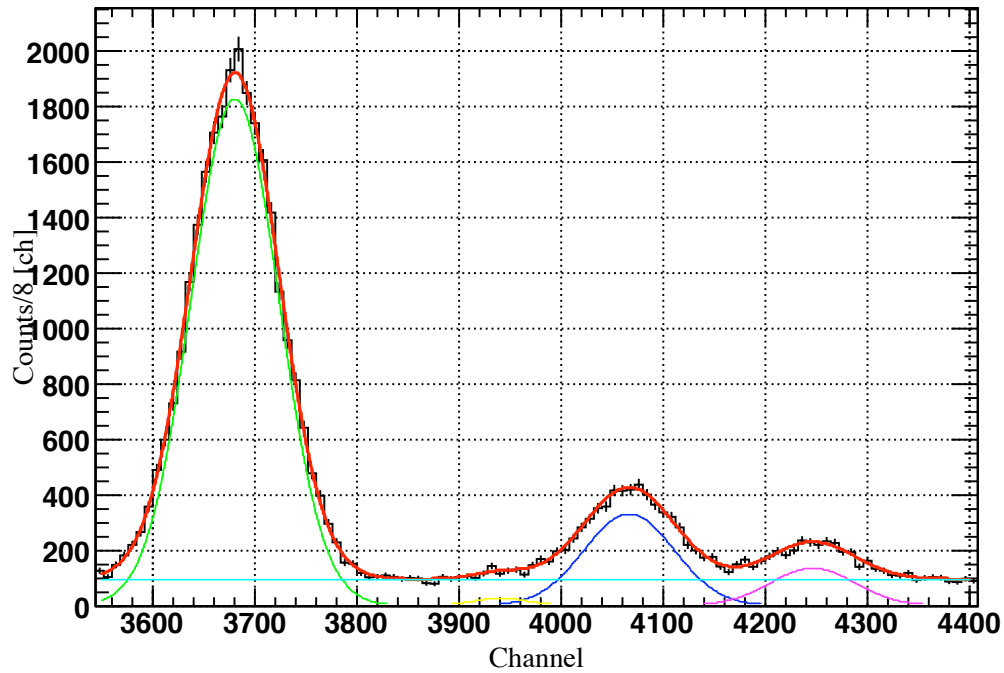
run 23  
Calibration  
( $^{55}\text{Fe}$  +  $^{57}\text{Co}$ )

Ni local fit  
Gauss(NiKa, NiKb, CuKa, ZnKa)  
+  
Exponential background

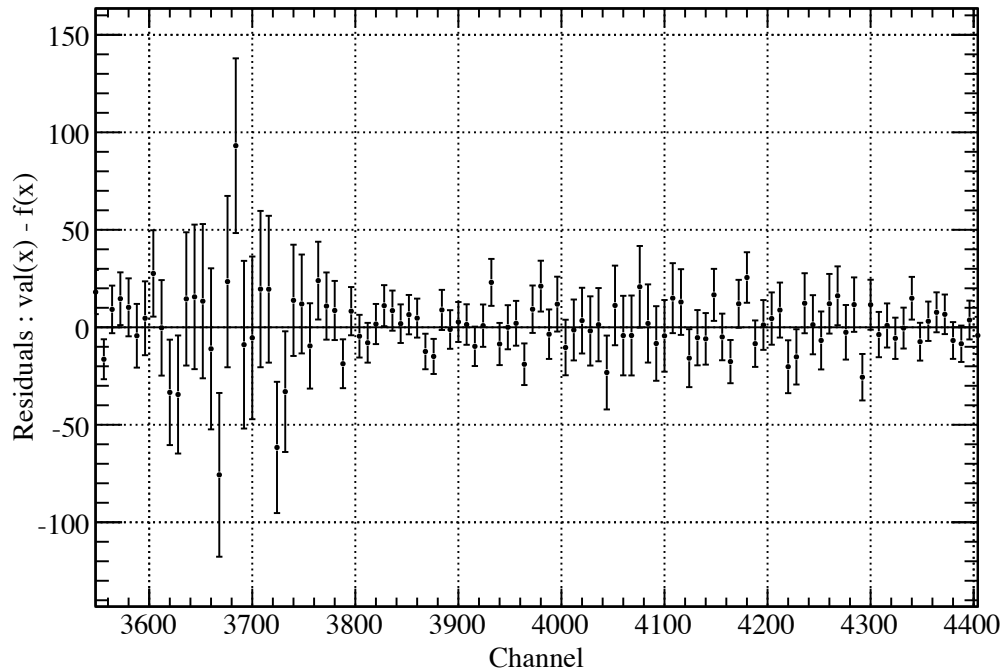
Residuals of Fit



PSI SDD data fit



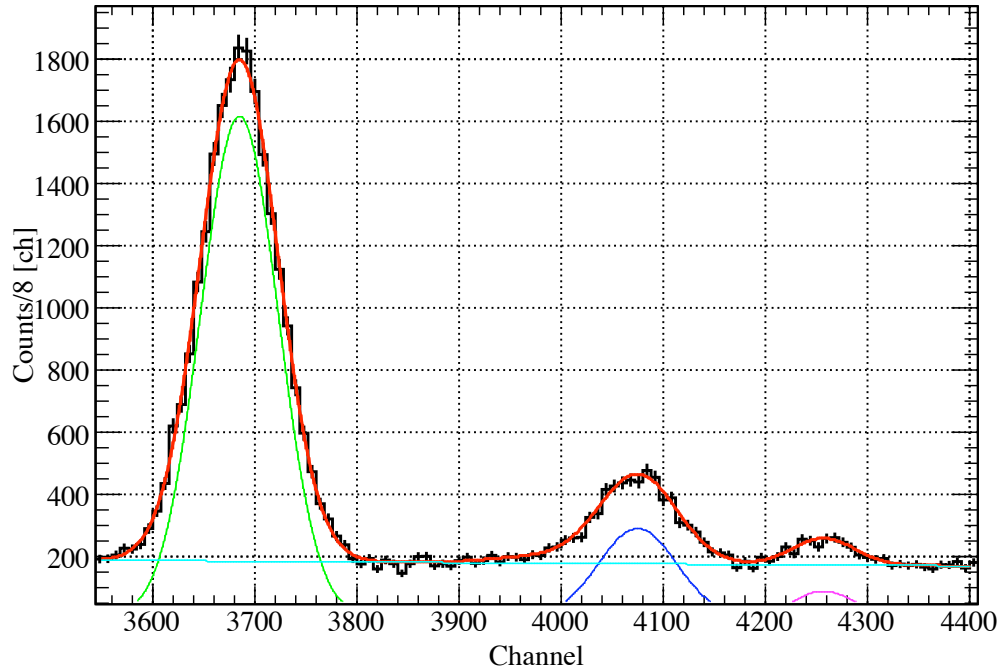
Residuals of Fit



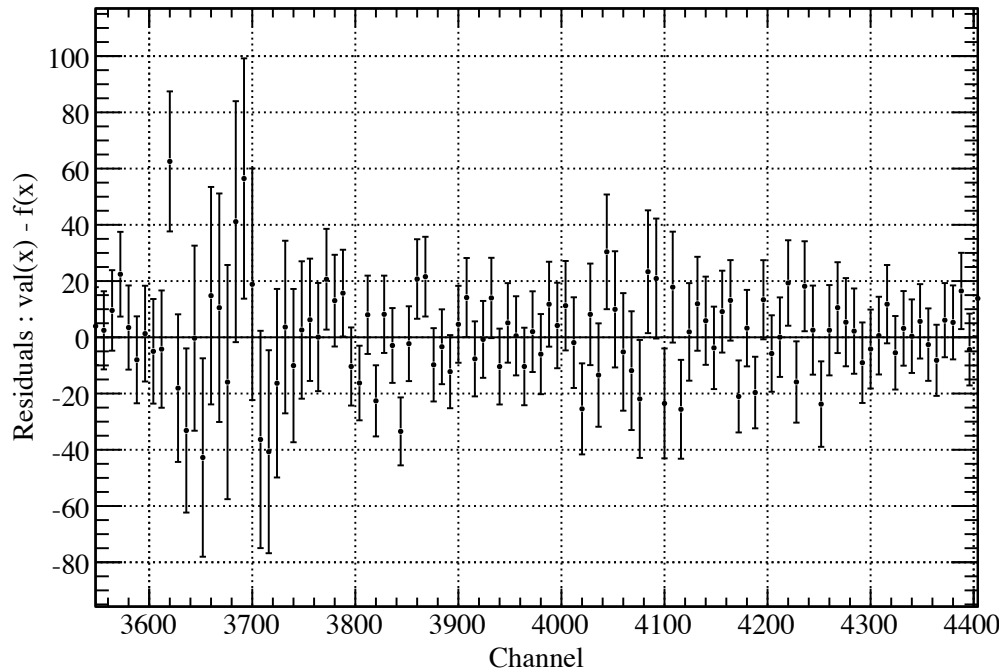
run 26  
Production  
(Pi beam)

Ni local fit  
Gauss(NiKa, NiKb, CuKa, ZnKa)  
+  
Exponential background

PSI SDD data fit



Residuals of Fit



run 27  
Calibration  
( $^{57}\text{Co}$  only)

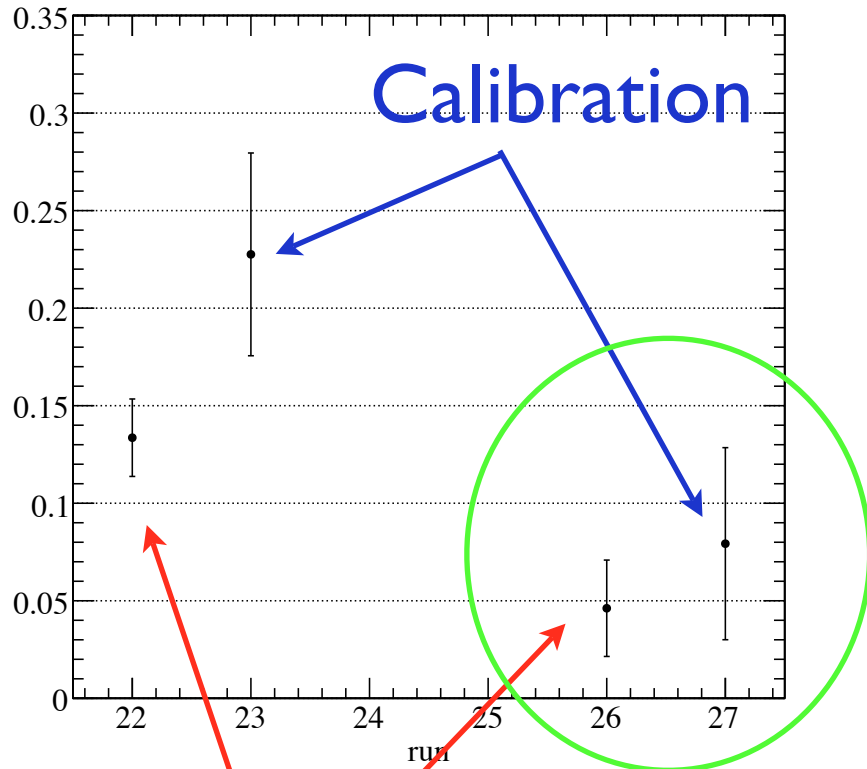
Ni local fit  
Gauss(NiKa, NiKb, CuKa, ZnKa)  
+  
Exponential background

# Ratio $\text{CuK}\alpha / \text{NiK}\beta$

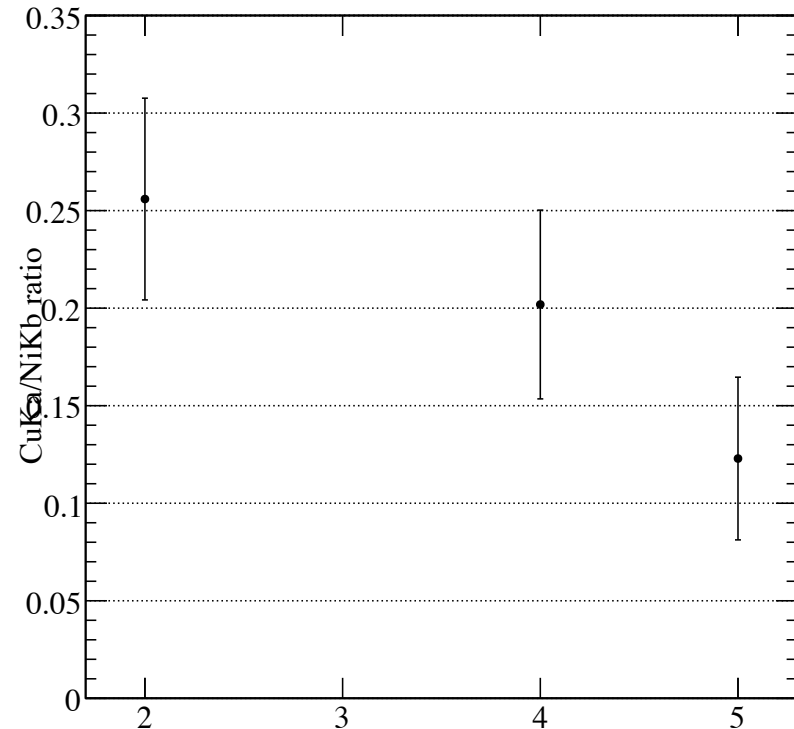
PSI

KEK run300-313

PSI CuKa/NiKa ratio



KEK runpart 20



SDD ID

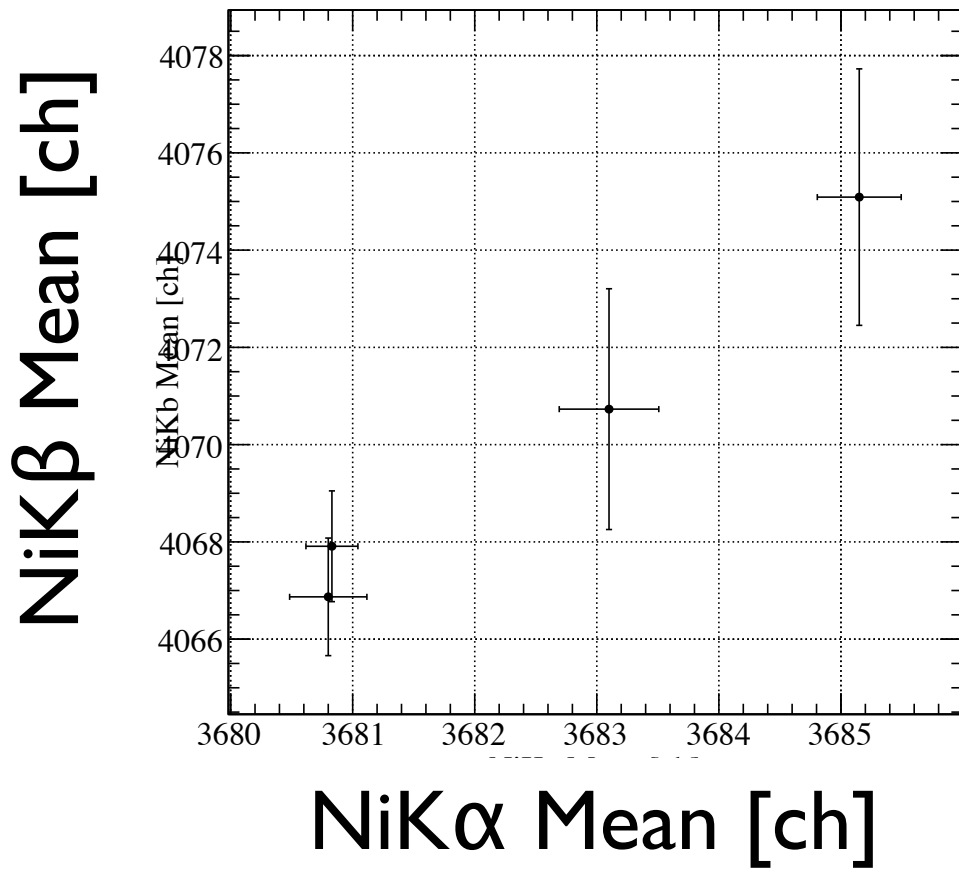
run

55Fe was removed

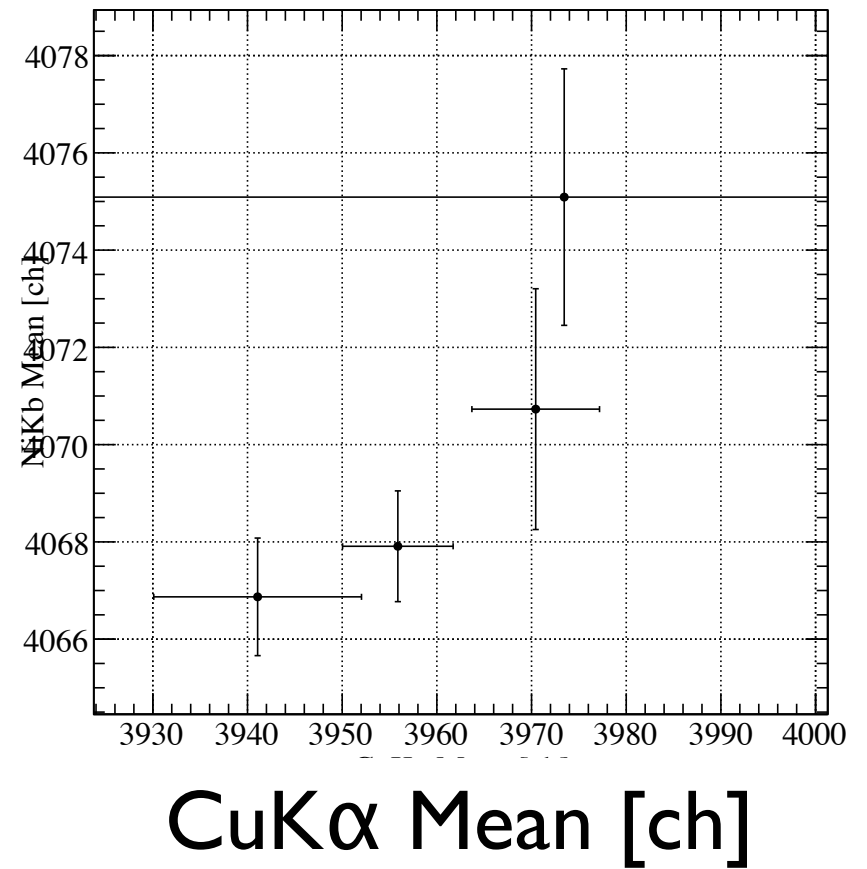
Production

# Correlation of mean

mean NiKb vs NiKa



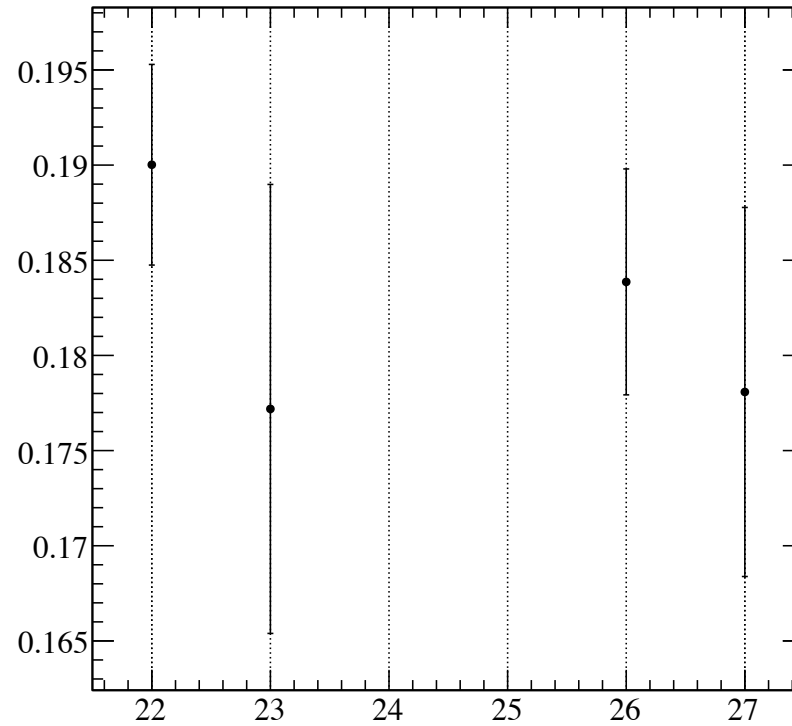
mean NiKb vs CuKa



Cu K $\alpha$  has large non-linearity

# Ni Kb / Ni Ka ratio

NiRatio



run

not so different