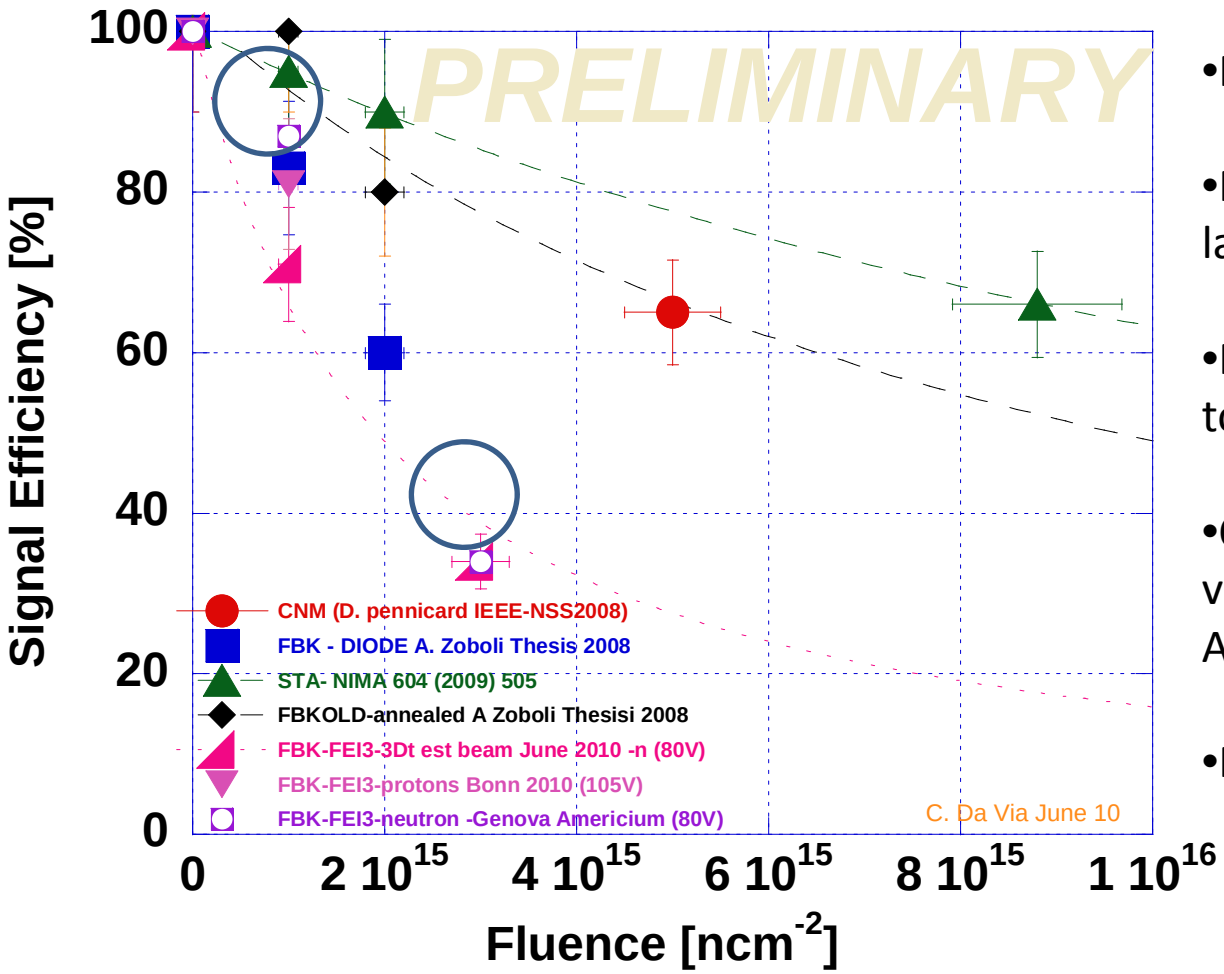
Preliminary analysis of performance of n-p irradiated FBK assemblies
personal considerations on prel. Results : Cinzia

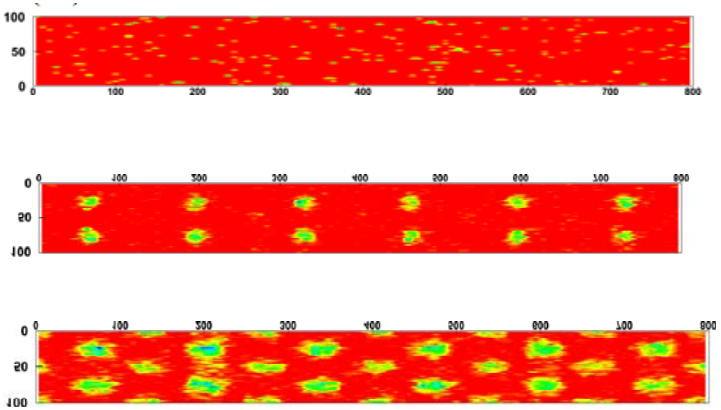


- First look considerations:
- Reproducibility of lab and beam OK for $3x10^{15}$
- Need to increase bias-voltage to get max signal
- Column partial overlap is visible and consistent before Annealing
- Perform annealing?

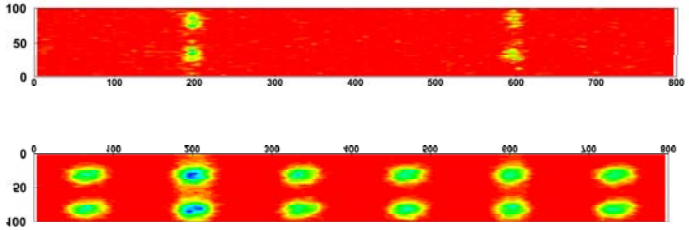
Efficiency (Preliminary)

H. Gjersdal , B. DeWilde
Analysis Contribution from the 3D test beam Crew June 2010
Thanks to the EUDET support team and The planar colleagues

0 degrees



15 degrees degrees
??? Tilting problems?



PLANAR

#11 P-IRRADIATED
* x 10^{15}NM^{-2} =80V

#12 N-IRRADIATED
I x 10^{15}NM^{-2} =80V

sample	Efficiency 0 degrees	Efficiency 15 degrees
planar	99.7	99.8
FBK 1x10^{15}ncm^{-2}(neutrons) 80V	98.9	99.9
FBK 1x10^{15}ncm^{-2}(protons) 80V	97.6	98.1

Efficiency measurements (preliminary from June 2010
Analysis ongoing

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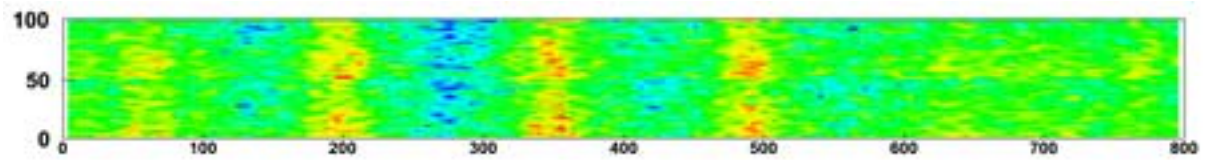

N-irradiated
$3x10^{15}nm^{-2}$
HV=30V!!!
Inefficiency due to very poor Alignment and low bias