

Fiber short status

Osamu Ota

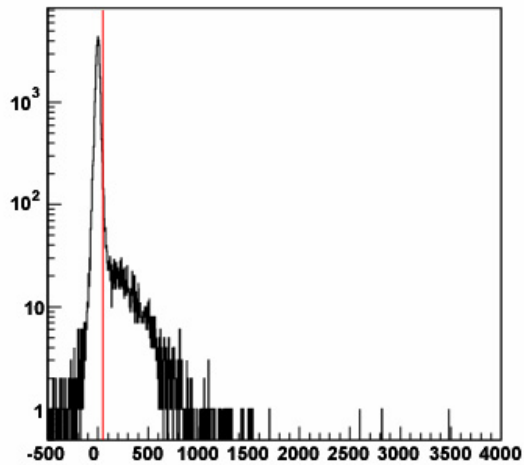
TPOL analysis meeting

12/10/05

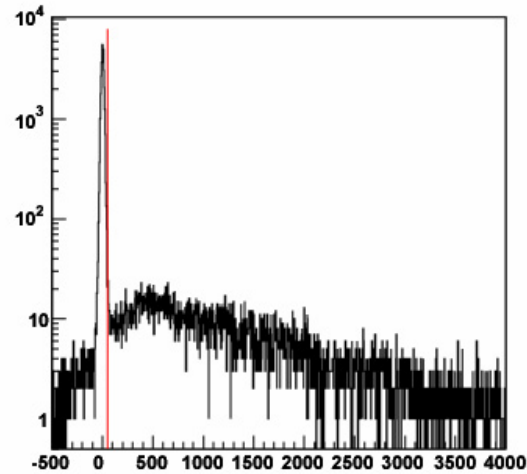
Data sets

- | Run | Date |
|-------------|----------|
| • 2271~2287 | : 17/Jun |
| • 2436~2453 | : 10/Oct |
- Each data set:
 - 0.5mm step
 - Covers ± 4 mm around CAL center

Control plots (data on 17/06/05)



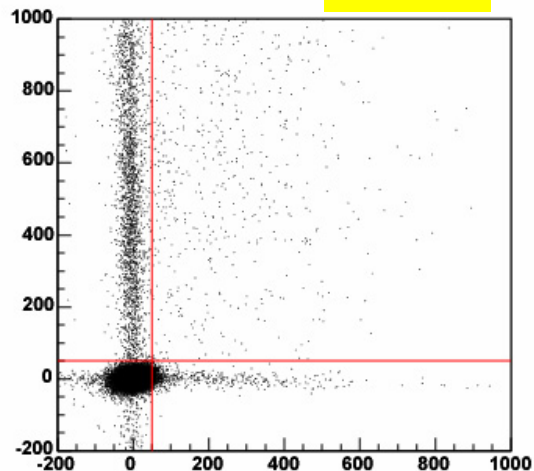
PMT1



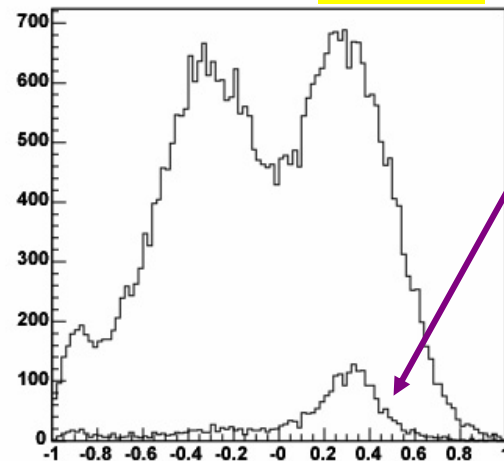
PMT2

Fiver events:
PMT1>50ADC
PMT2>50ADC

PMT1



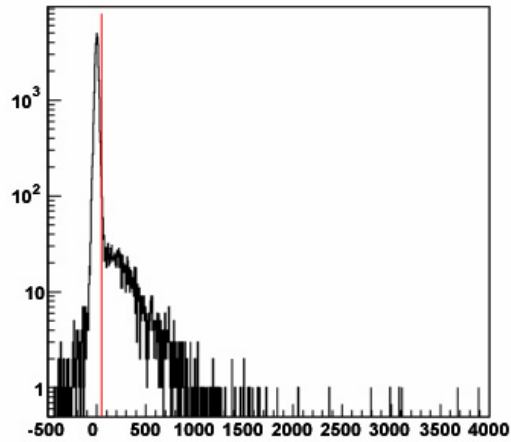
PMT2



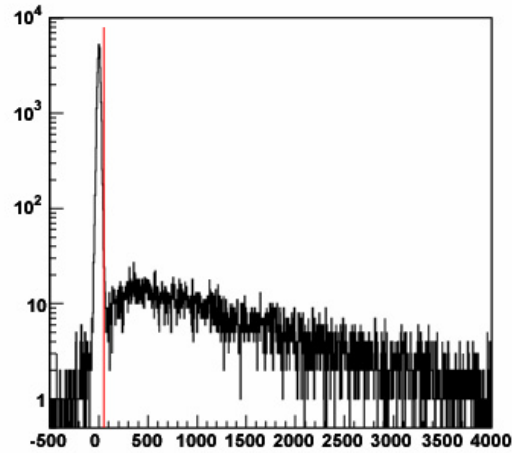
Triggered by fiber

η

Control plots (data on 10/10/05)



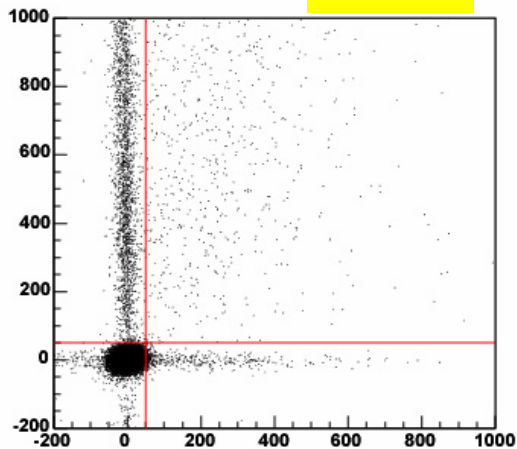
PMT1



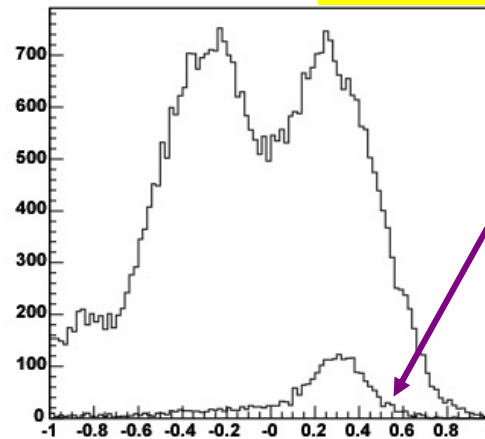
PMT2

Fiver events:
PMT1>50ADC
PMT2>50ADC

PMT1



PMT2



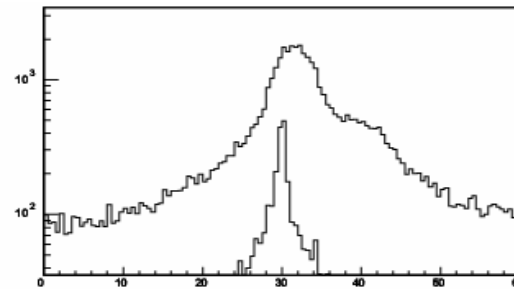
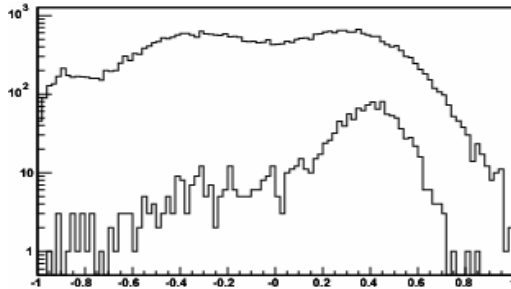
η

Triggered by fiber

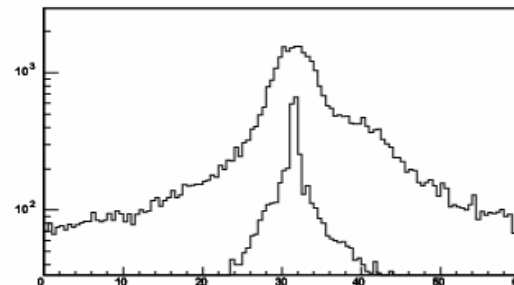
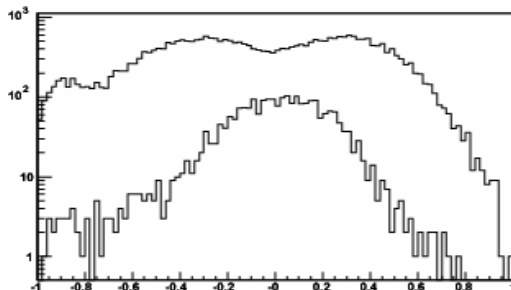
η and Si with fiber (data on 17/06/05)

Fiber position

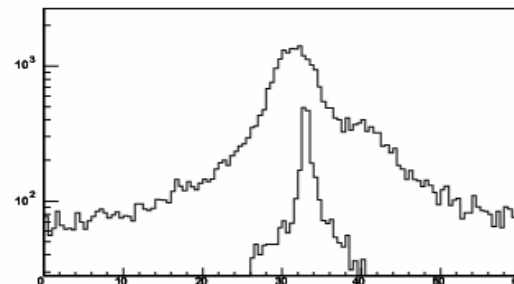
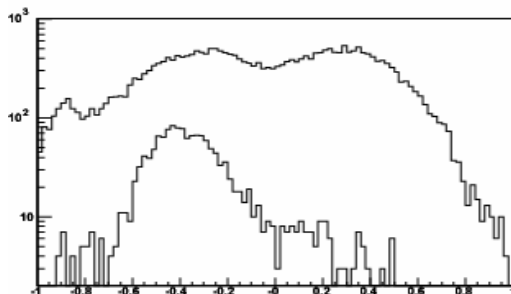
+1.5mm



0.0mm



-1.5mm



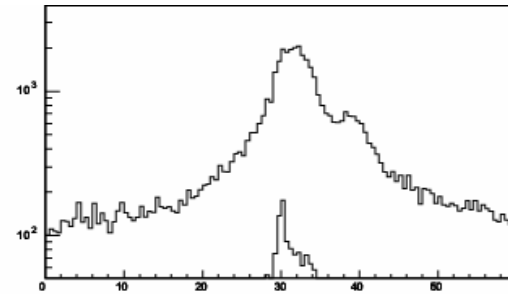
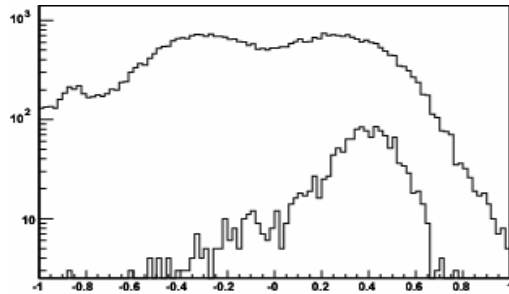
η

Si position [mm]

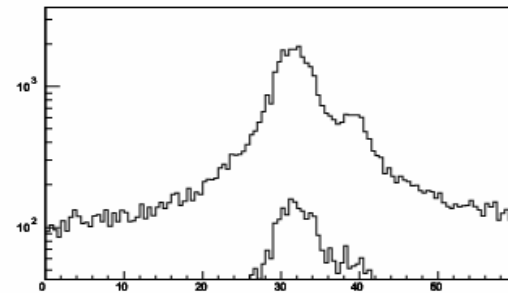
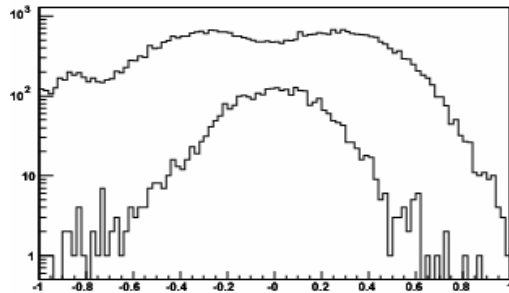
η and Si with fiber (data on 10/10/05)

Fiber position

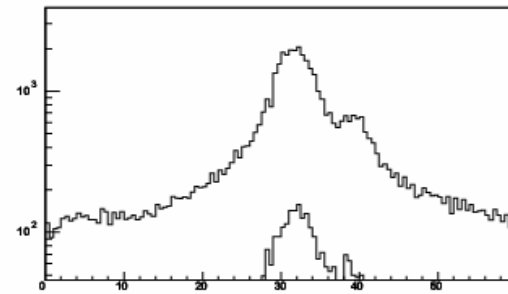
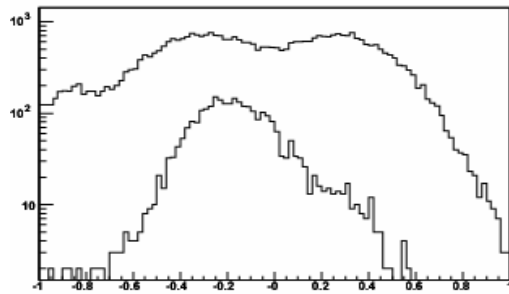
+1.5mm



0.0mm



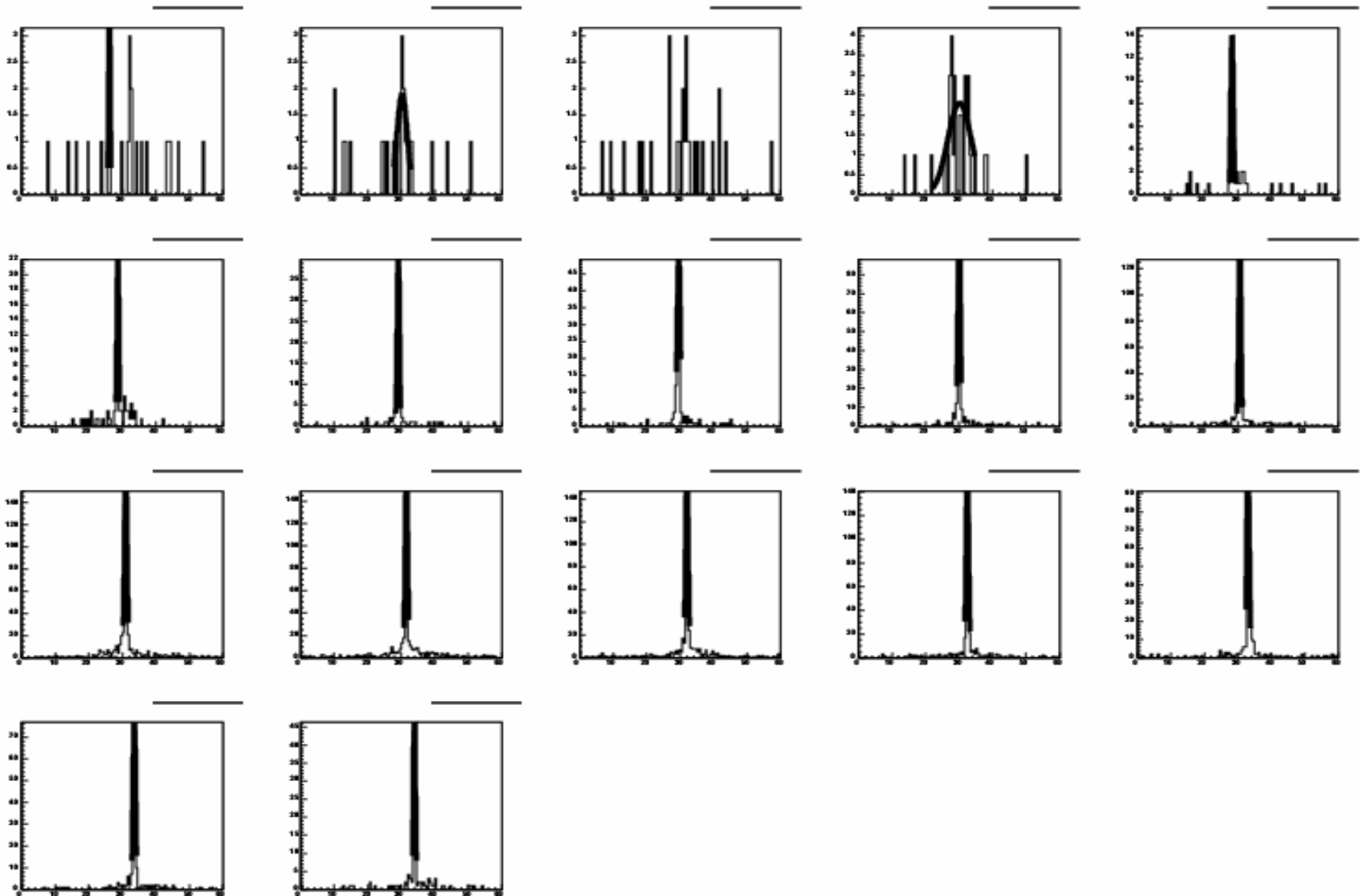
-1.5mm



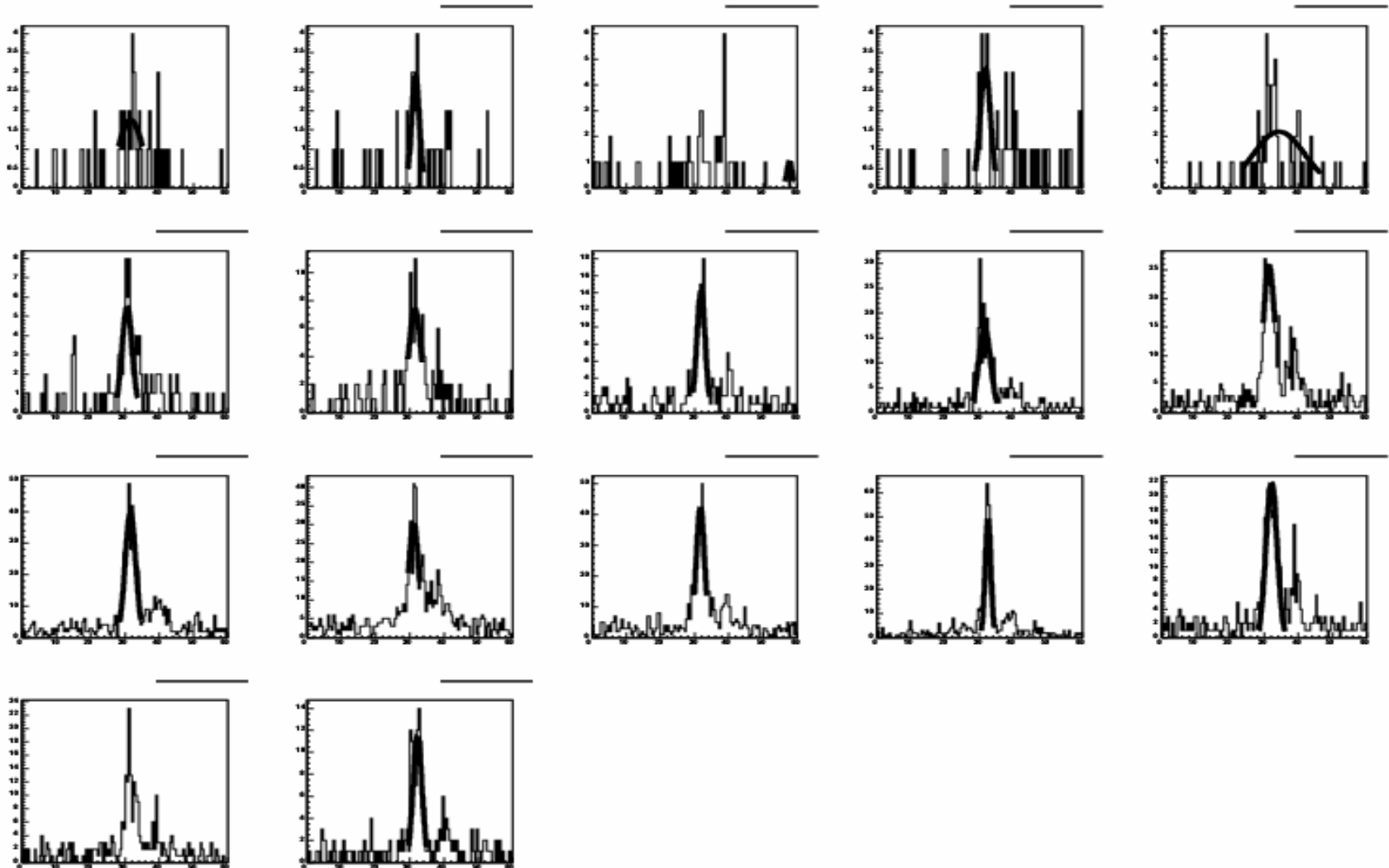
η

Si position [mm]

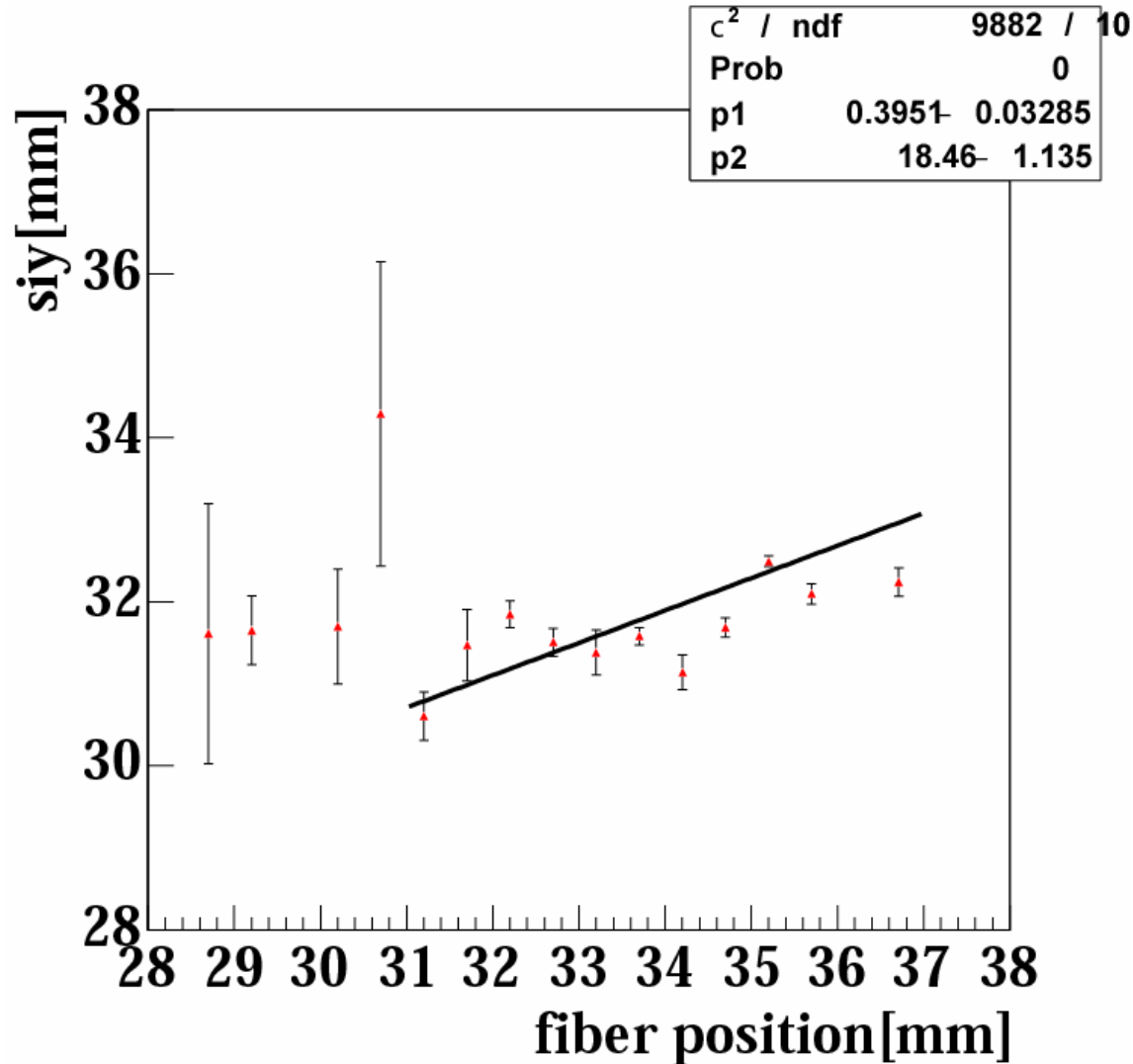
Si_y with fiber (17/06/05)



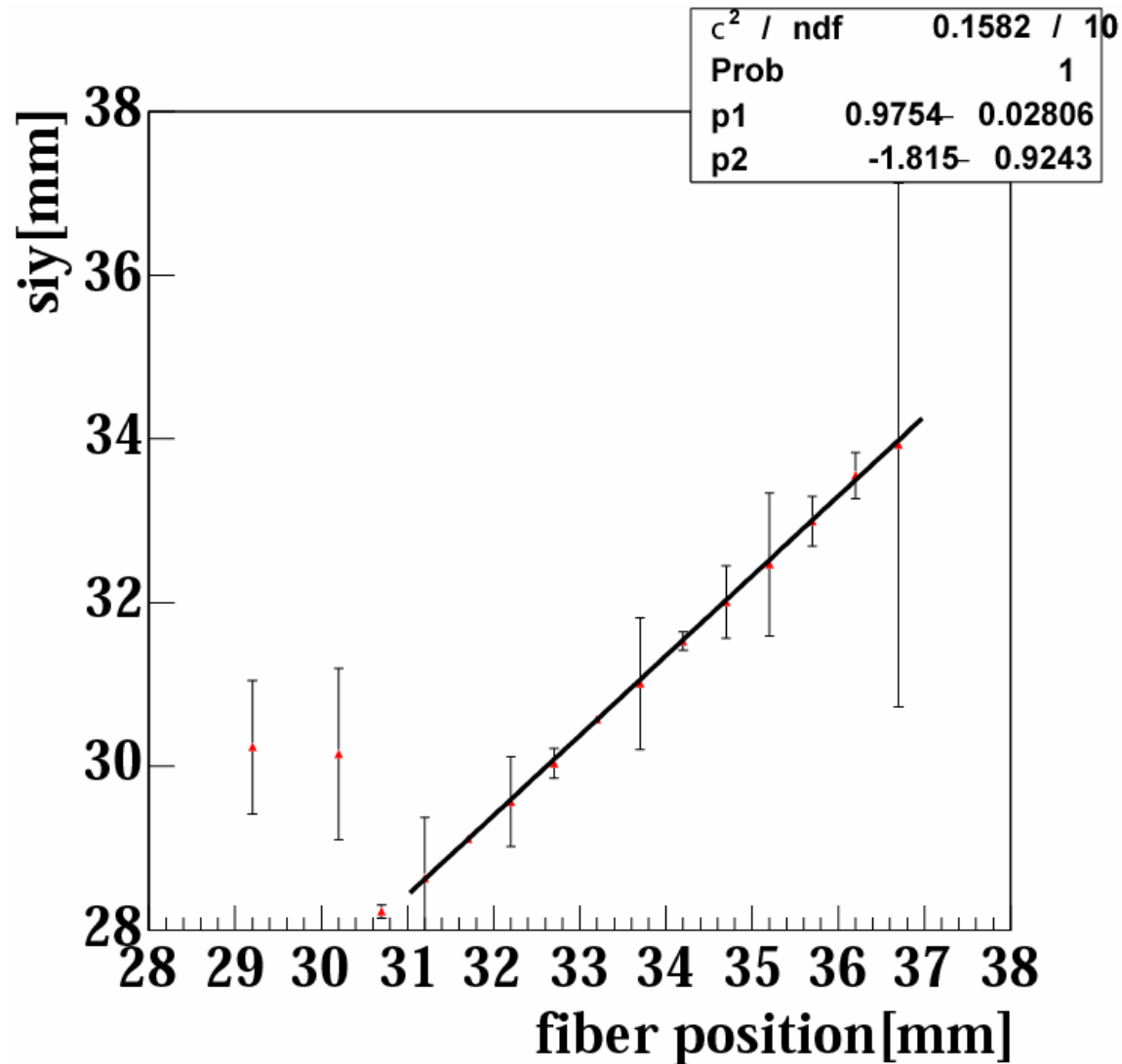
Si_y with fiber (10/10/05)



Linearity Si_y vs fiber (10/10/05)



Linearity Si_y vs fiber (17/06/05)



Summary

- Fiber is working fine on both data set.
- Comparing with 17/Jun sample, 10/Oct data sample seems to have some problem on Si readout.
- Linearity and Si_y with fiber distribution is not good.
 - Timing ?