

Fiber & Offline report



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- Fiber status
- Offline analysis status

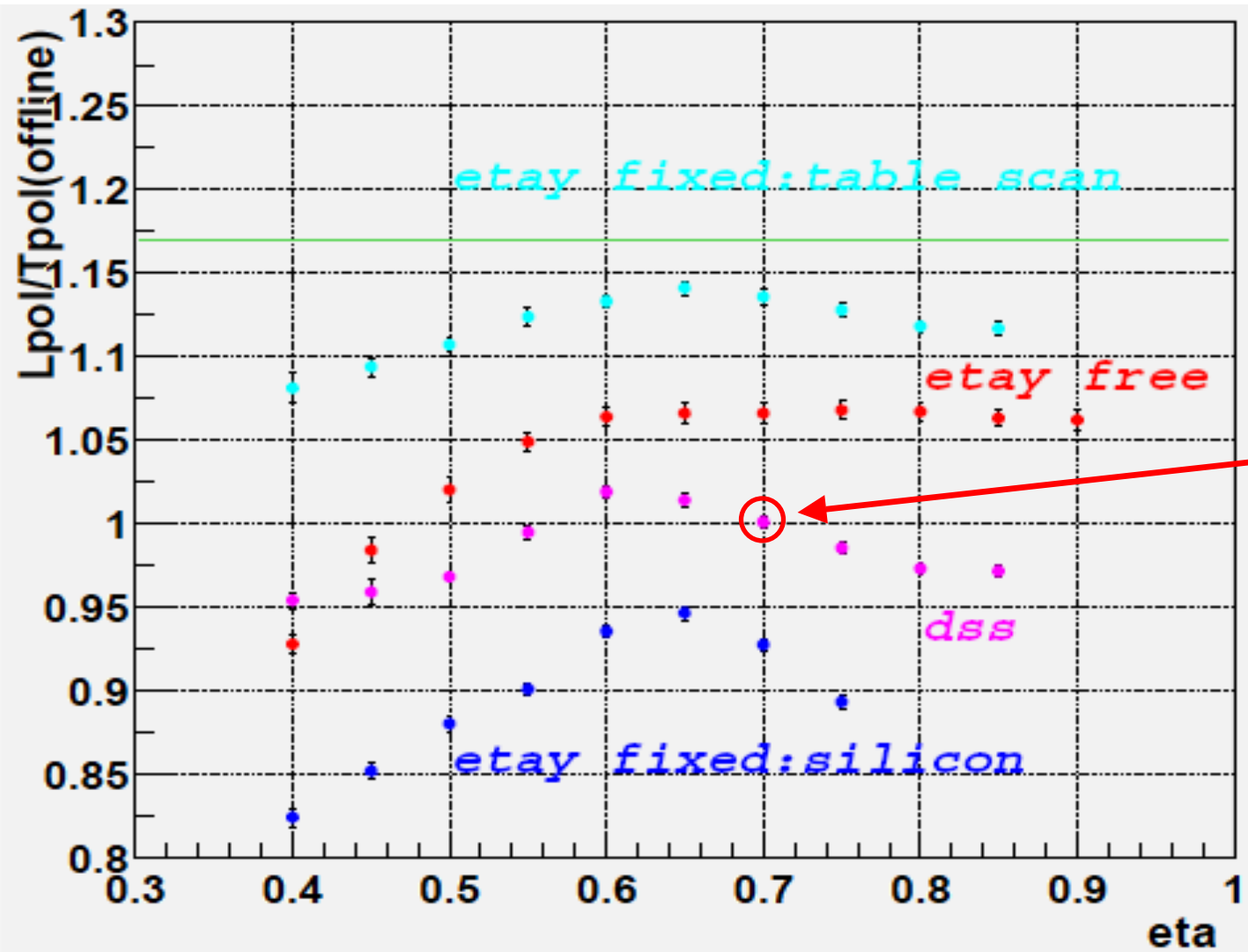
Fiber status

- Fiber scan
 - 24th.May 1805~1818
 - 12th.June 1864~1880
 - 16th.June 1881~1895
 - 0.5mm step
 - 100,000 trigger at each point

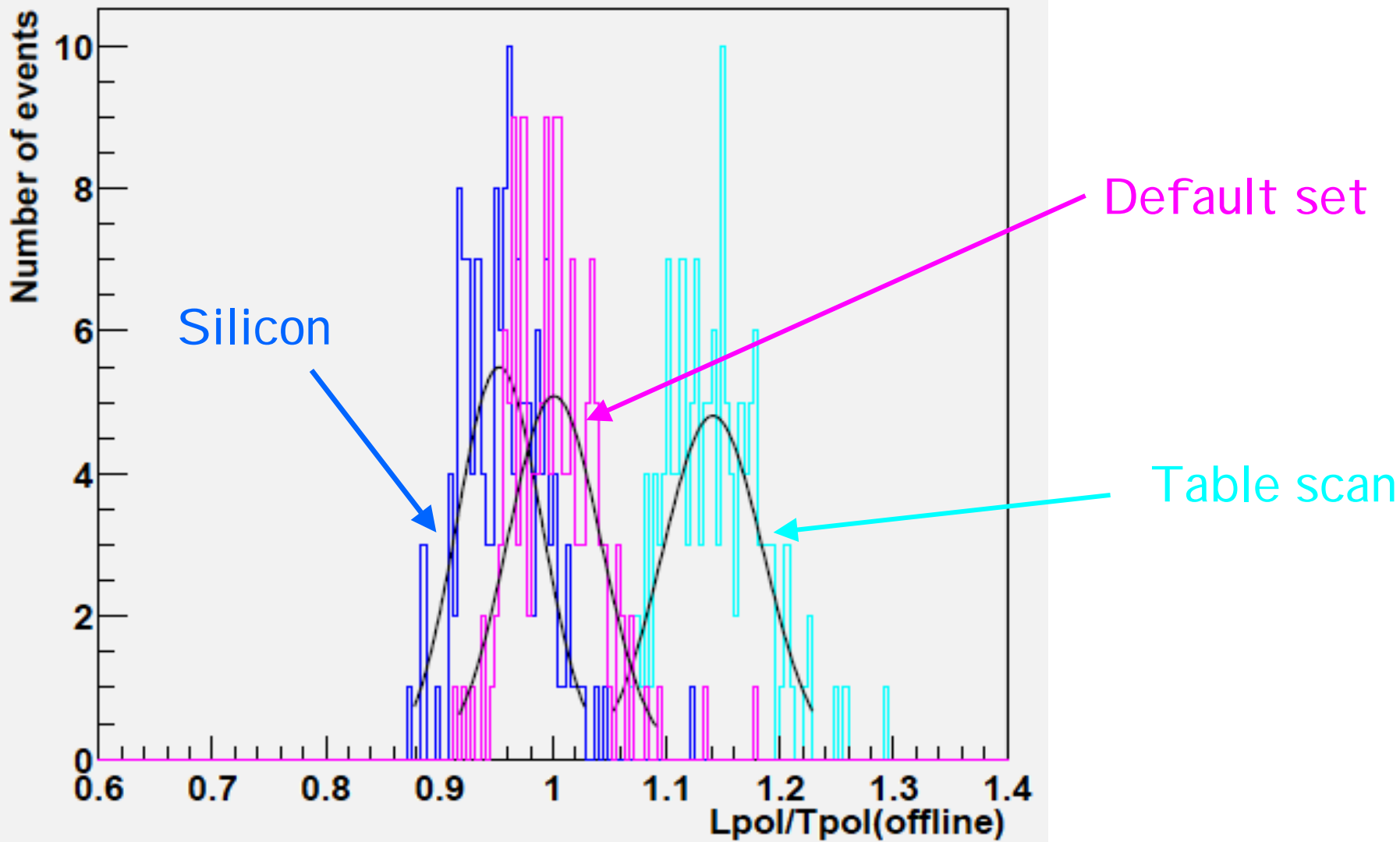
Offline status

- Check the fluctuation of LPOL/TPOL ratio against eta range.
- CAL data sample
 - 31st.Jan.2004
 - 25th.Feb.2004
 - 1st.Mar.2004
- Etay parameters from...
 - Silicon(normal) , Silicon(table scan), default (dss)

25th.Feb.2004

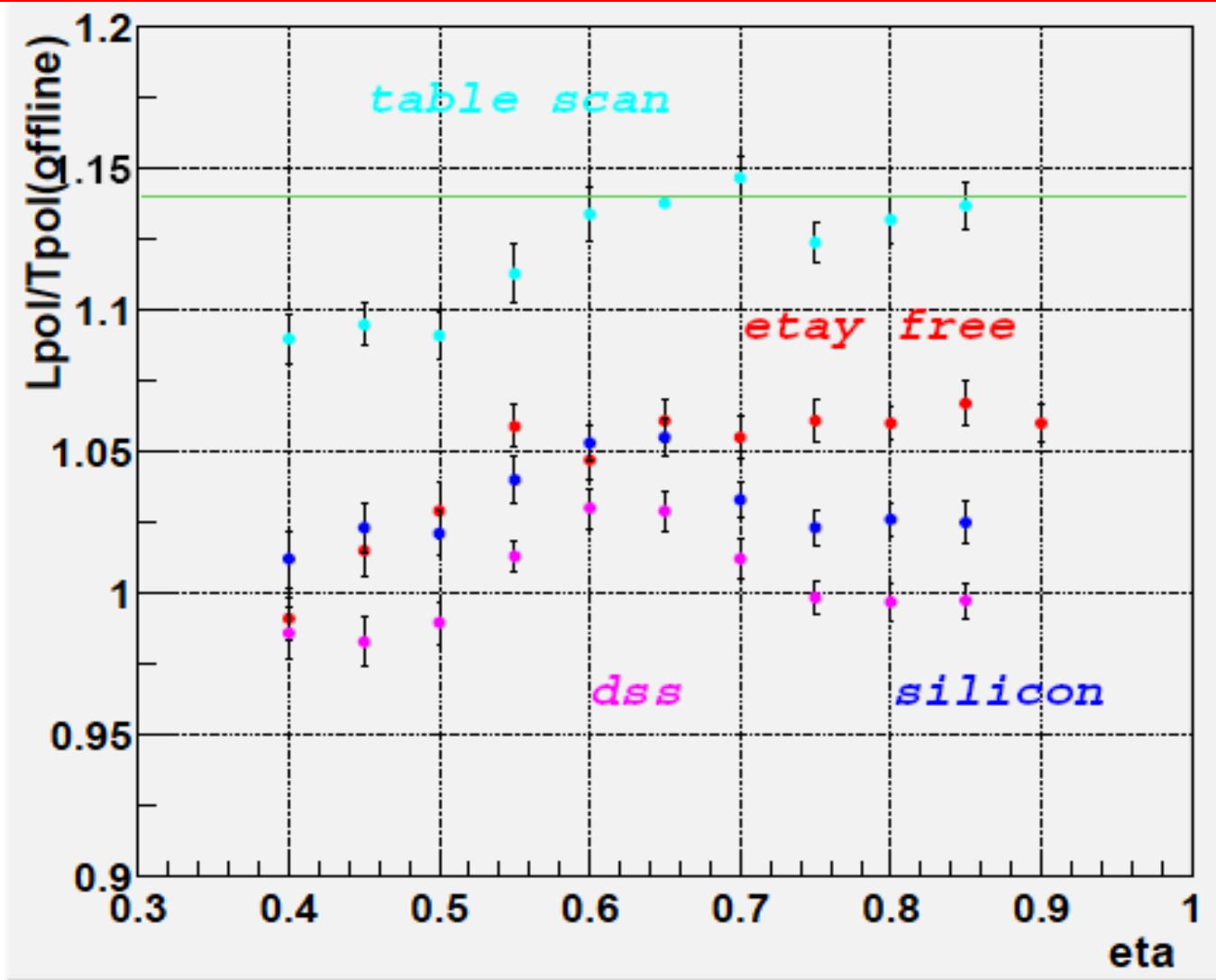


Default set

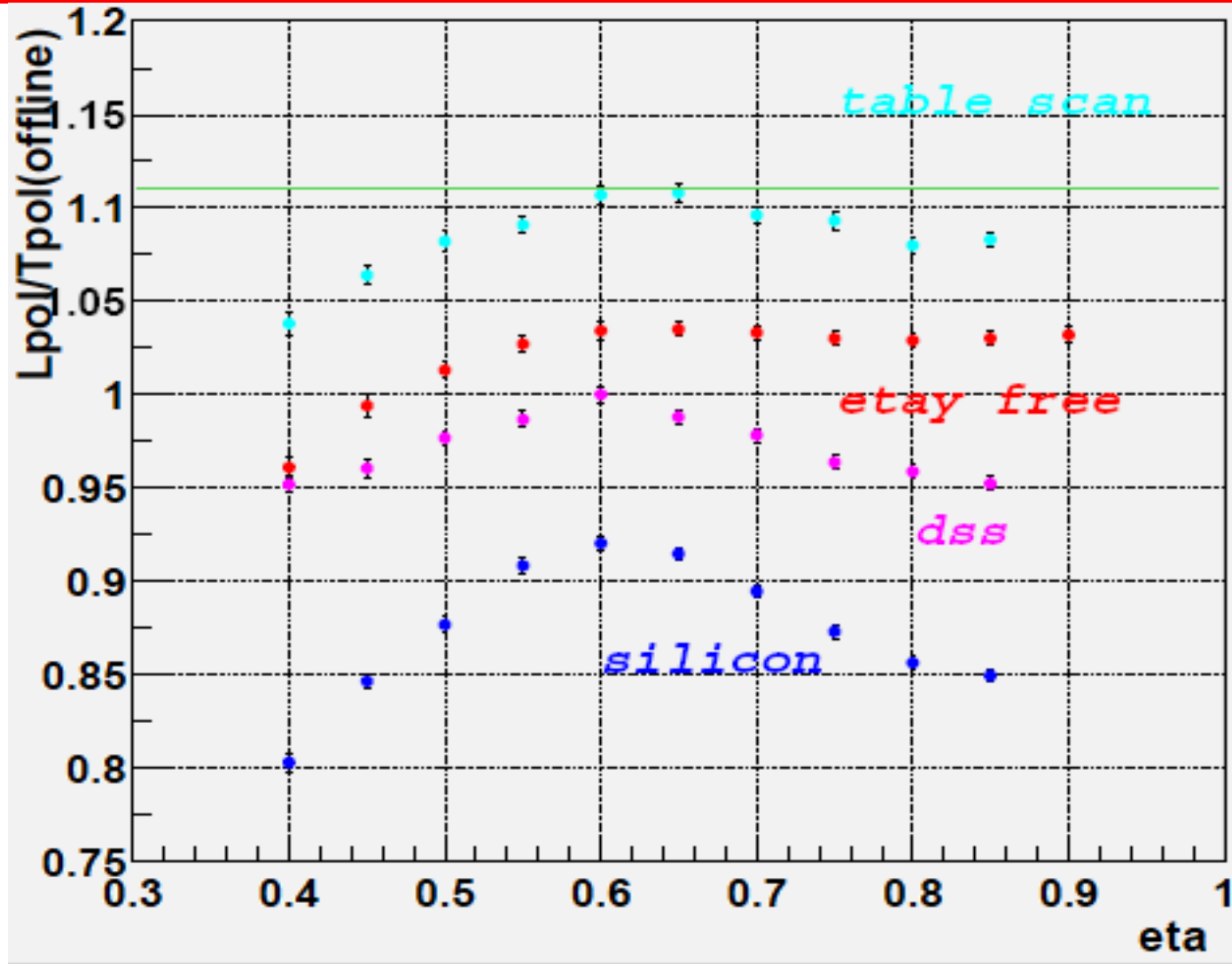


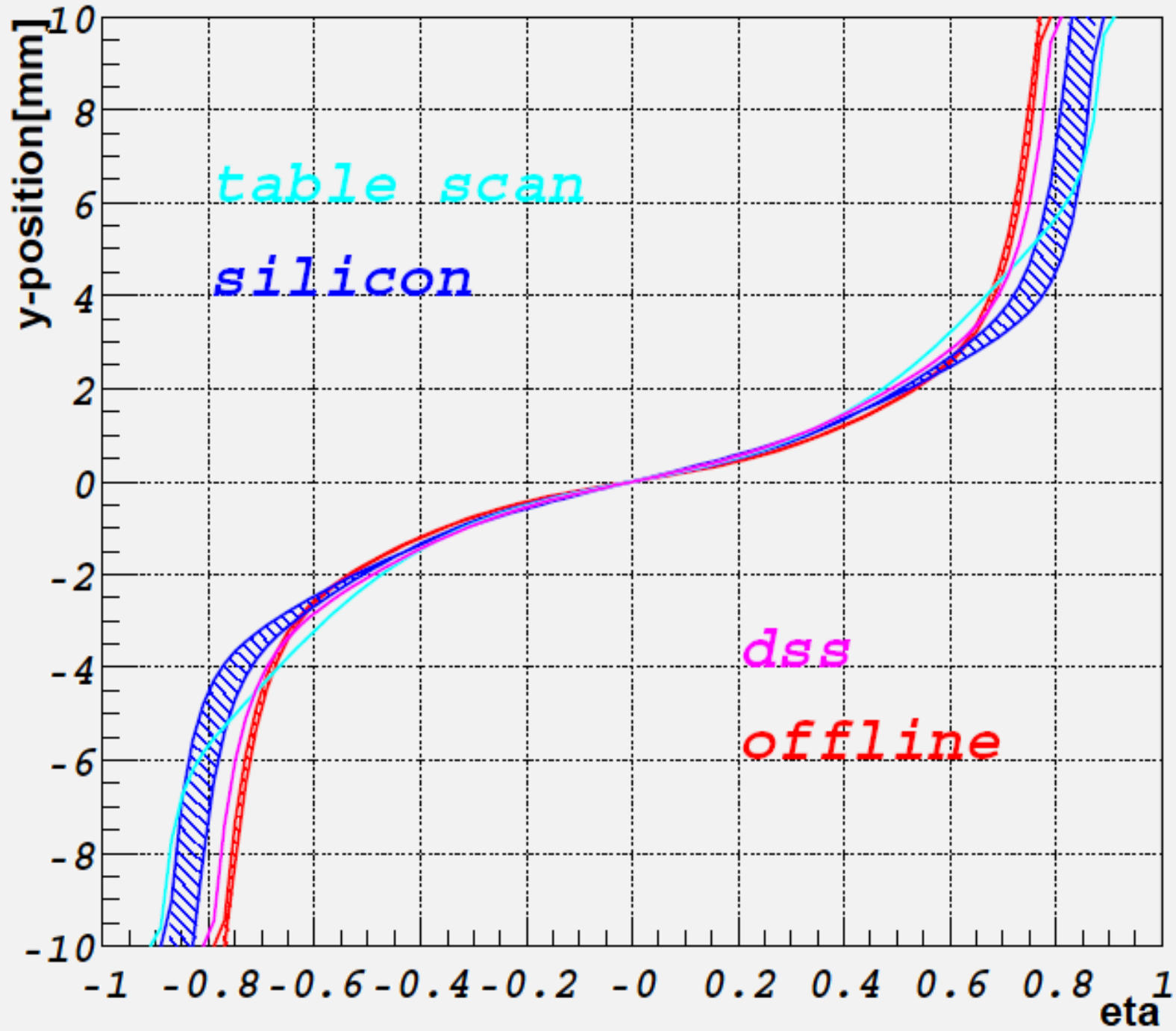
systematic uncertainty due to different curve
is at least 10% with this offline method.

31st.Jan.2004

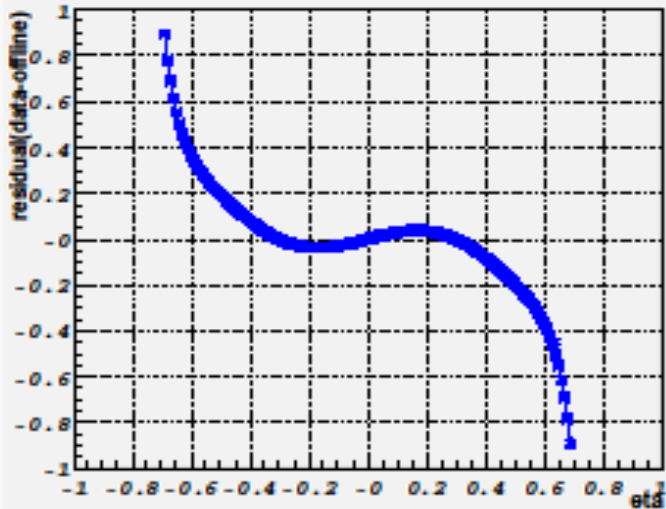


1st.Mar.2004

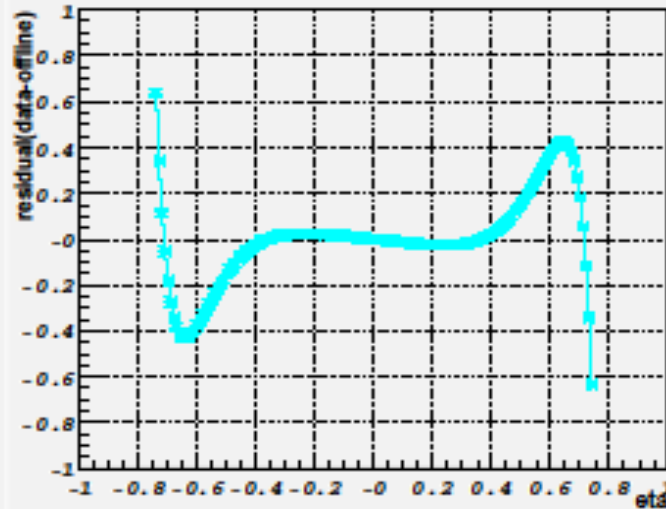




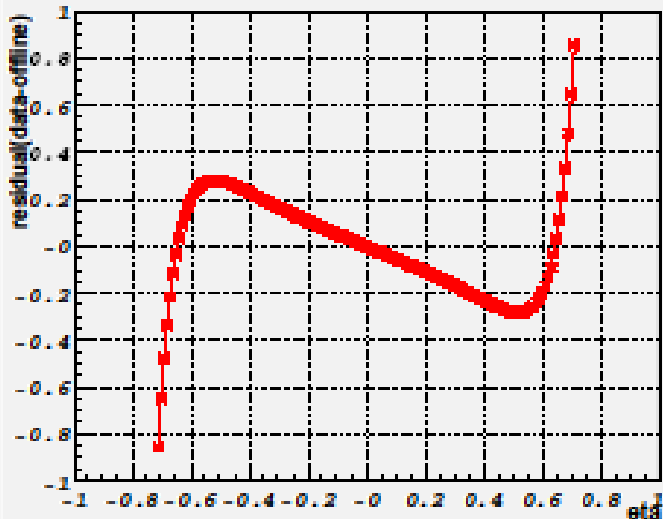
residual:silicon



residual:table scan



residual:offline



Still large discrepancy in etay curve comparing to the default parameters set.

Summary

- Fiber detector is working.
- TPOL seems to have large systematic errors due to etay curve.
- Silicon detector measurement may have bias in large eta region.