

HERA-B - update

M Medinnis

HERA coordination meeting

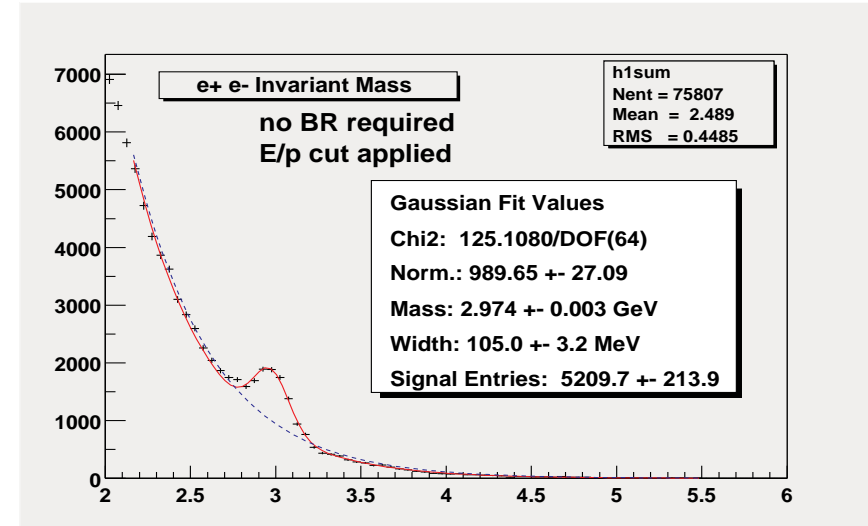
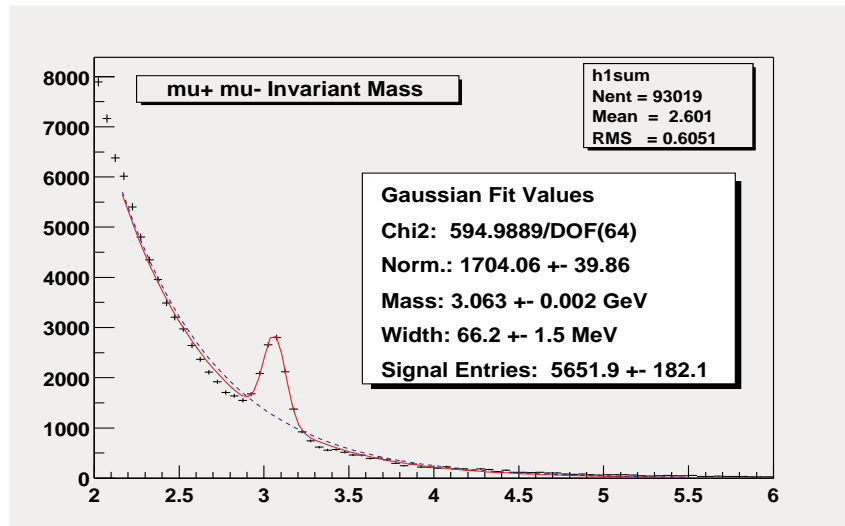
23, Oct '02

J/ψ

Total sample

J/ψ → μμ (5600 events)

J/ψ → ee (5200 events)



Sample size > than total from 2000 run.

Achieved rate: 1000 / live hour, dead time 30%.

Remaining work

- * Dead-time reduction
 - * test new R/O mode to 2nd level online (okay offline)
 - * test 2-logger scheme, add a third & test
- * If successful, HERA-B is ready for a production run at 1000 J/ ψ / real hour.
- * Optimizations:
 - * add ITR to 2nd level trigger
 - * improve FLT tracking efficiency
 - * tune cuts