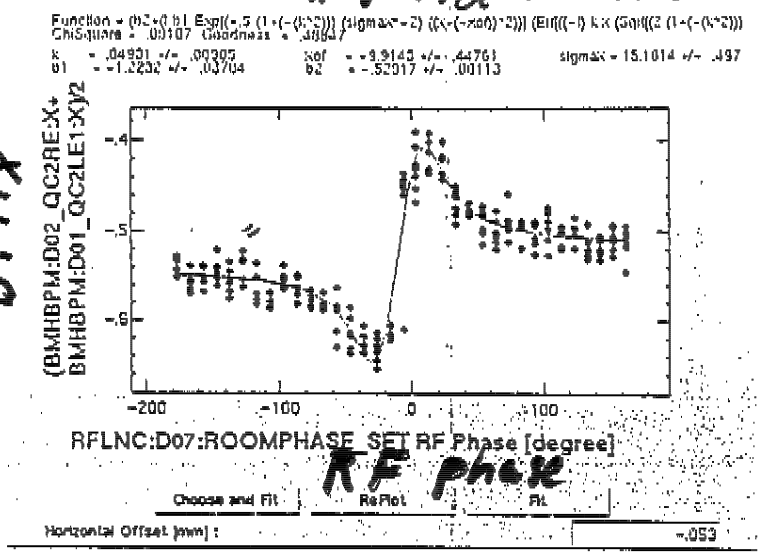
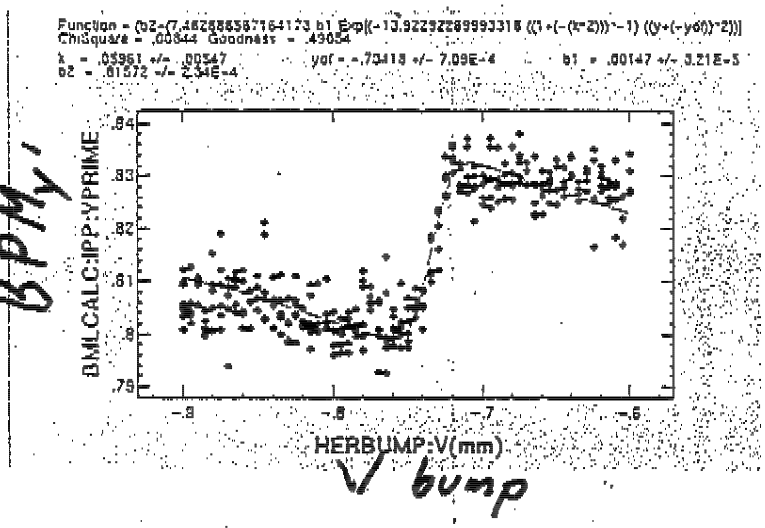
What KEK-B sees



Horizontal scan
(Phase scan)

$\sigma_x \sim 194\ \mu m$



Vertical scan

$\sigma_y \sim 8\ \mu m$

$\kappa \sim 3.6\%$

5:40 HER 13mA
LER 65mA
) 200 bunch

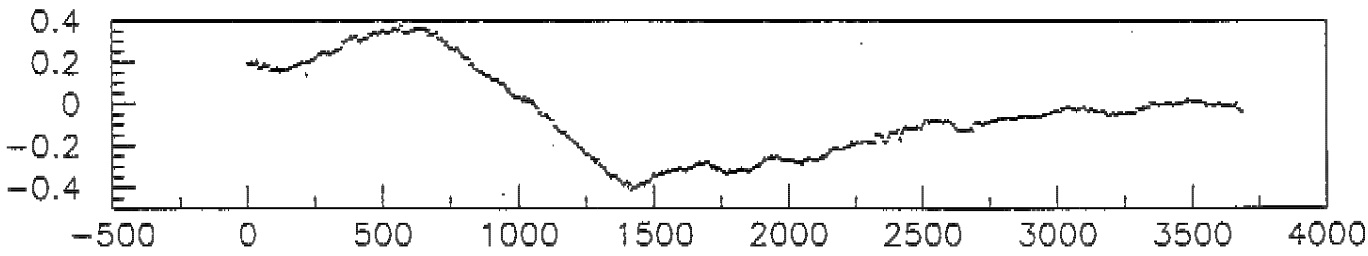
8×10^{30} /cm²/sec

① 衝突点、

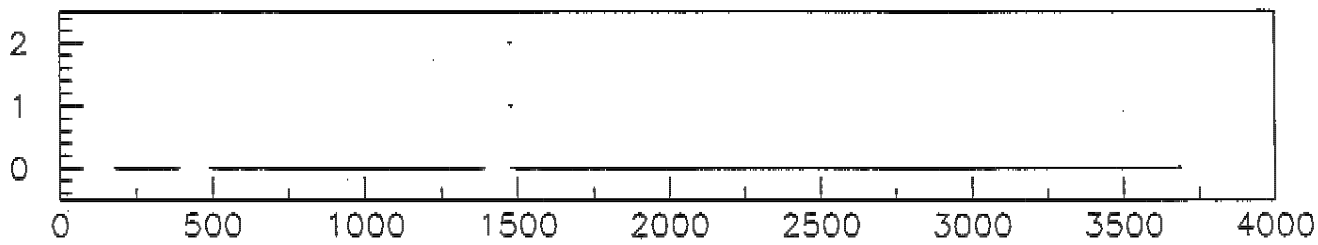
HER と LER の軌道差 @IP が大き[redacted]

($\Delta y \sim -0.7$ mm)

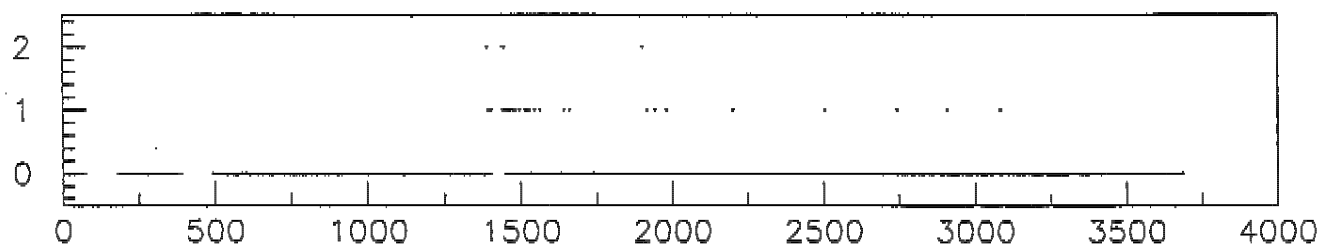
99/03/26 08.18



qcsrpy VS. timsec



efcfak VS. timsec

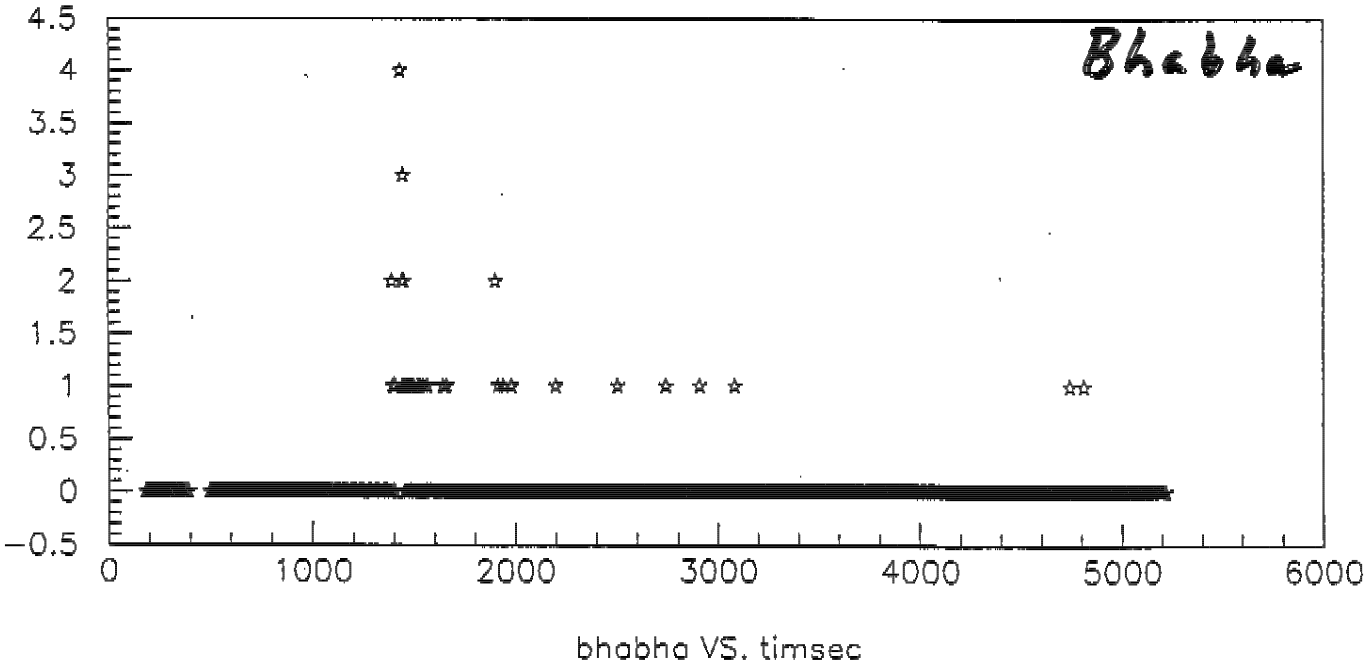


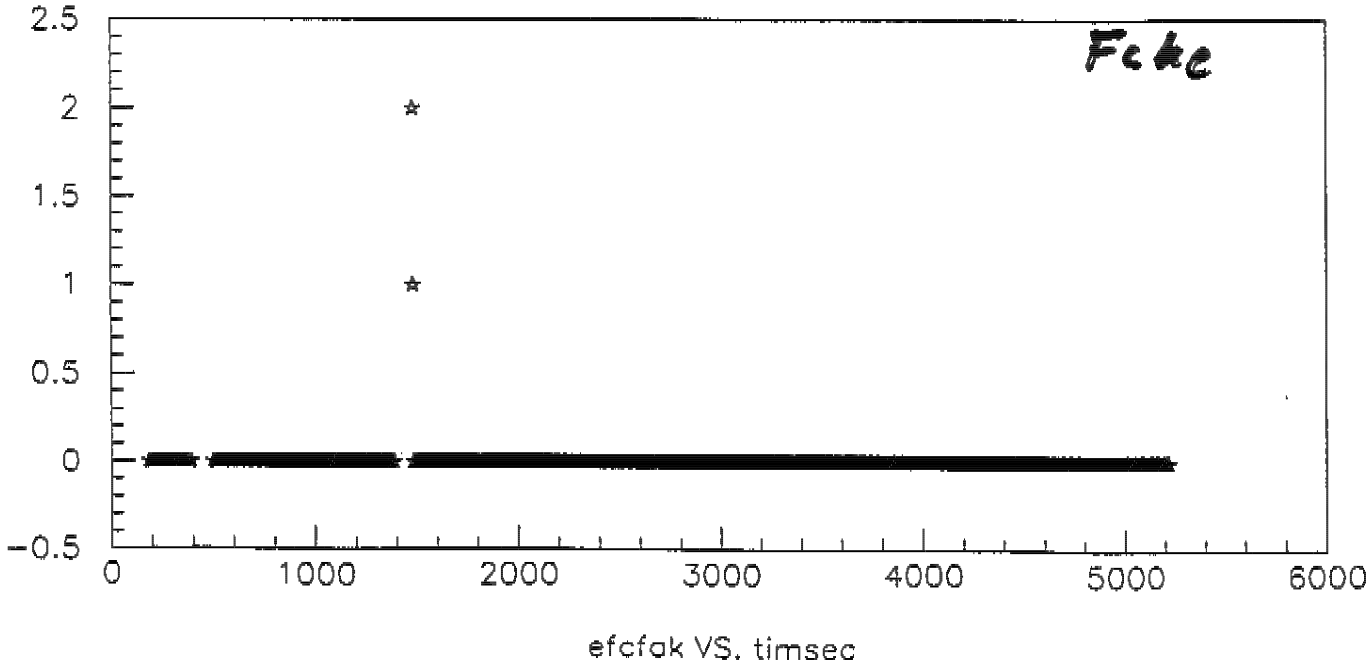
bhabha VS. timsec

"Evidence for Bhabha Production at KEK-B"

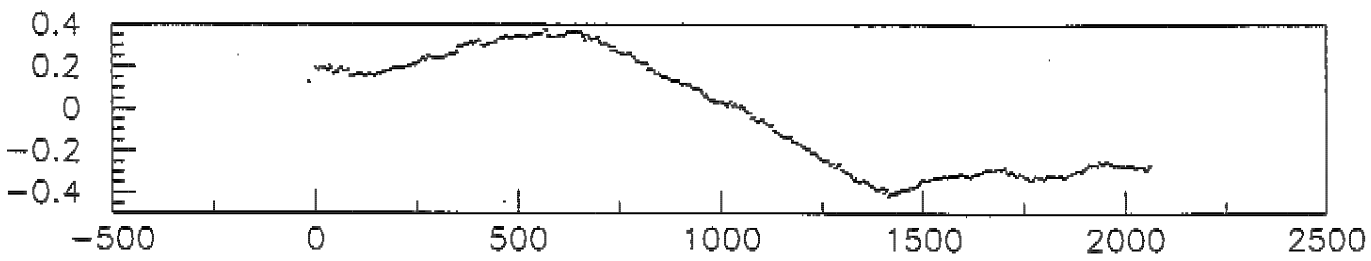
Rate ~ 0.1 Hz
consistent with $\mathcal{L} \sim 8 \times 10^{30}/\mathrm{sec}/\mathrm{cm}^2$
deduced from I_1, I_2, β^*, (ξ) $\Delta\nu$

99/03/26 08.30

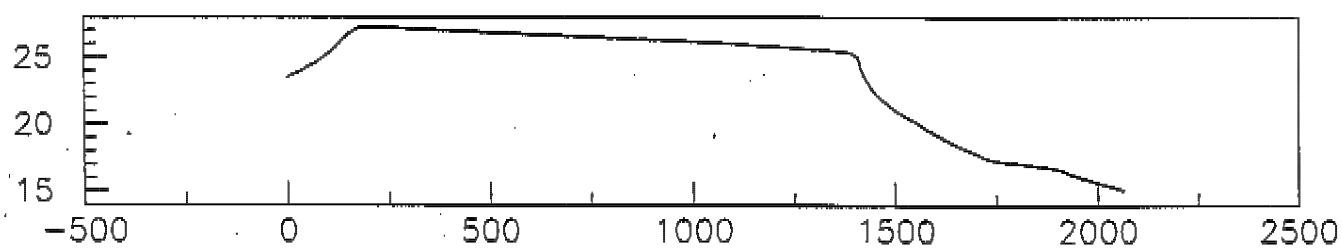




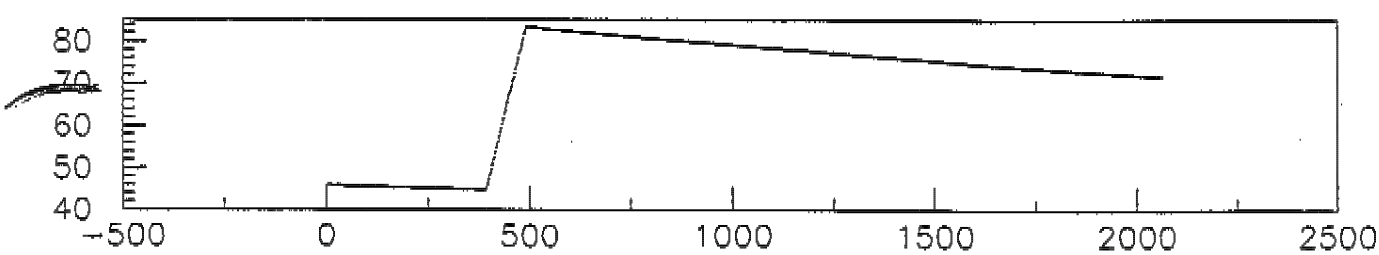
99/03/26 07.46



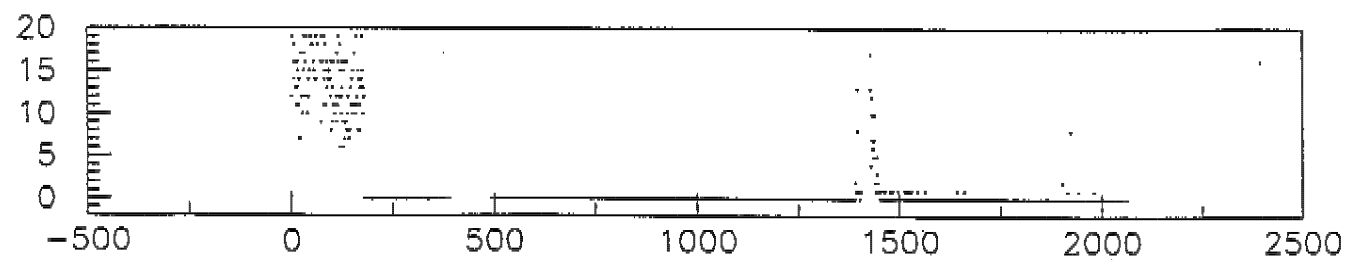
qcsrpy VS. timsec



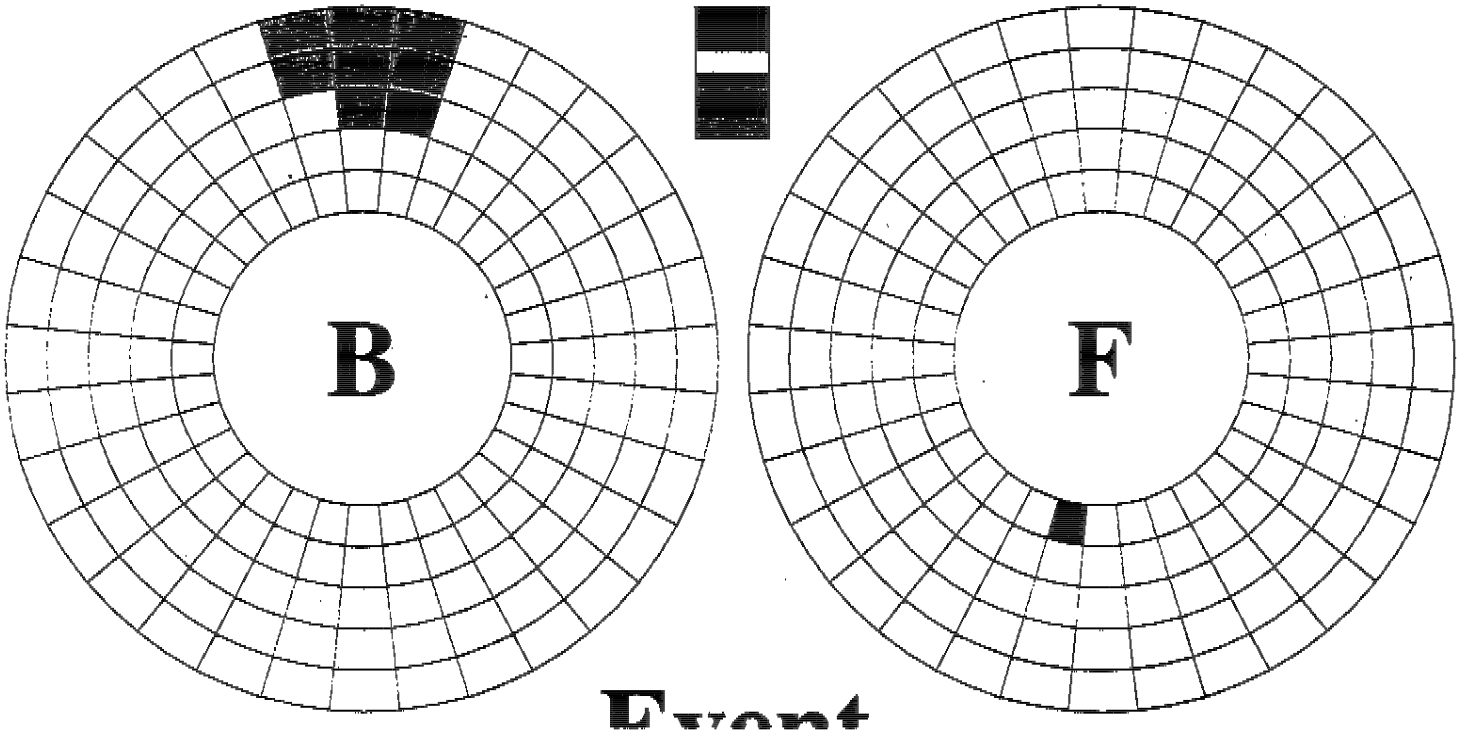
currzem VS. timsec



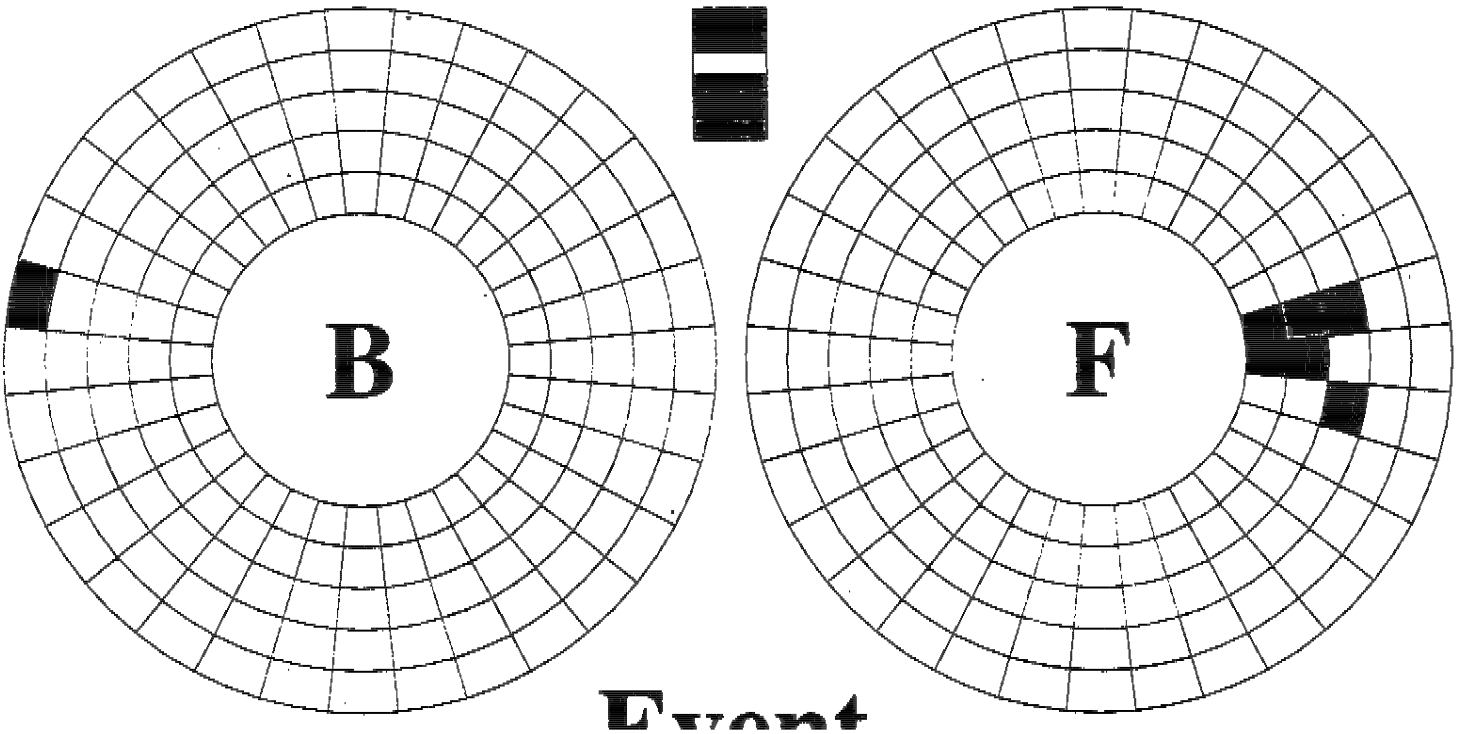
currzep VS. timsec



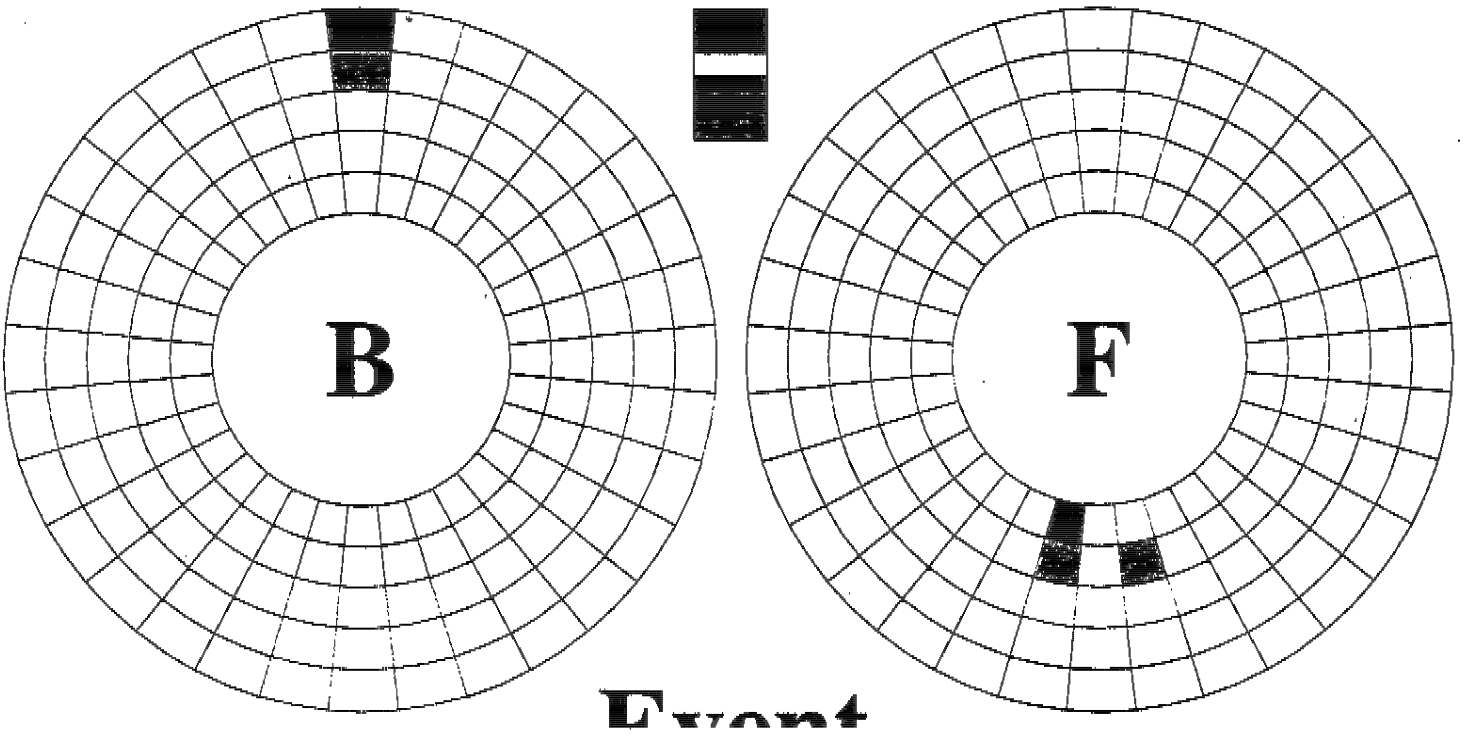
bhabha VS. timsec



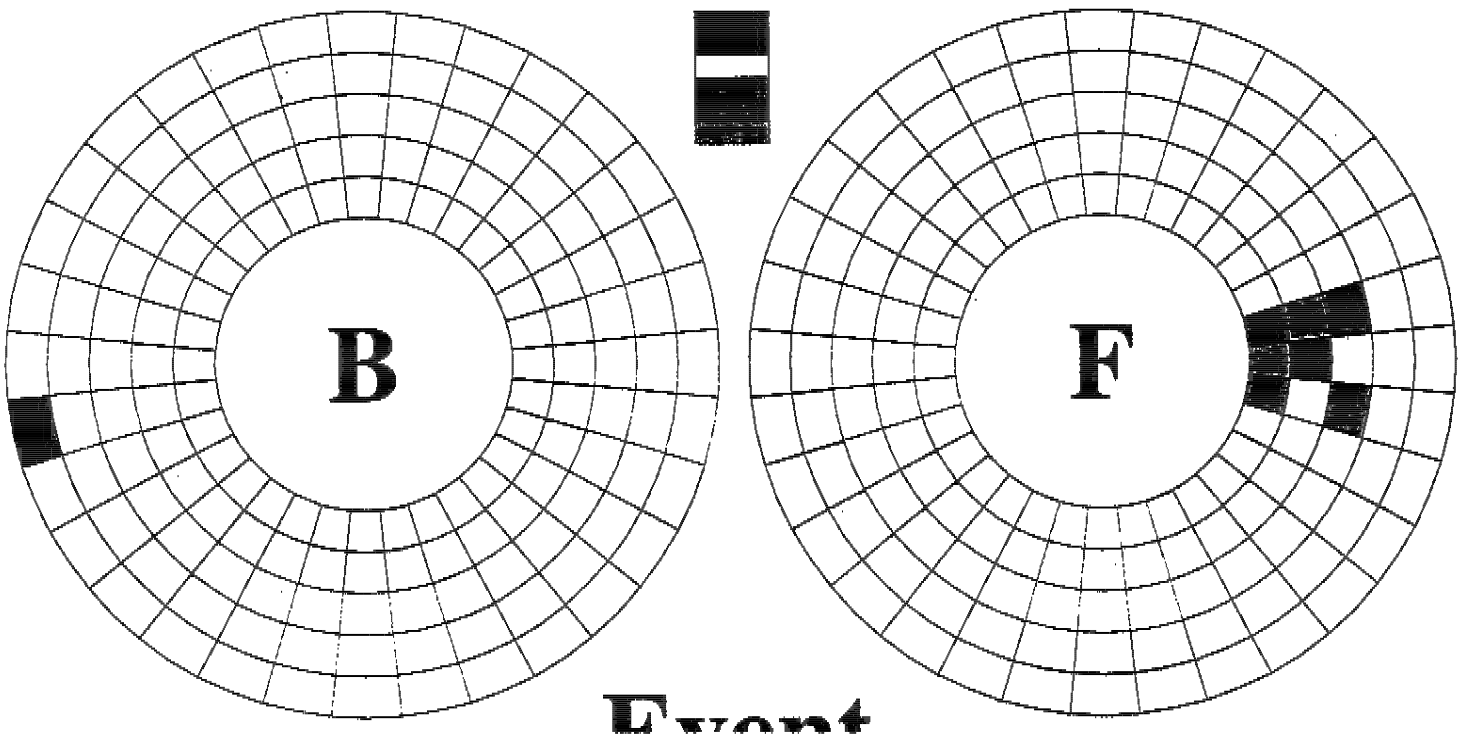
Front



Front



Front



Front