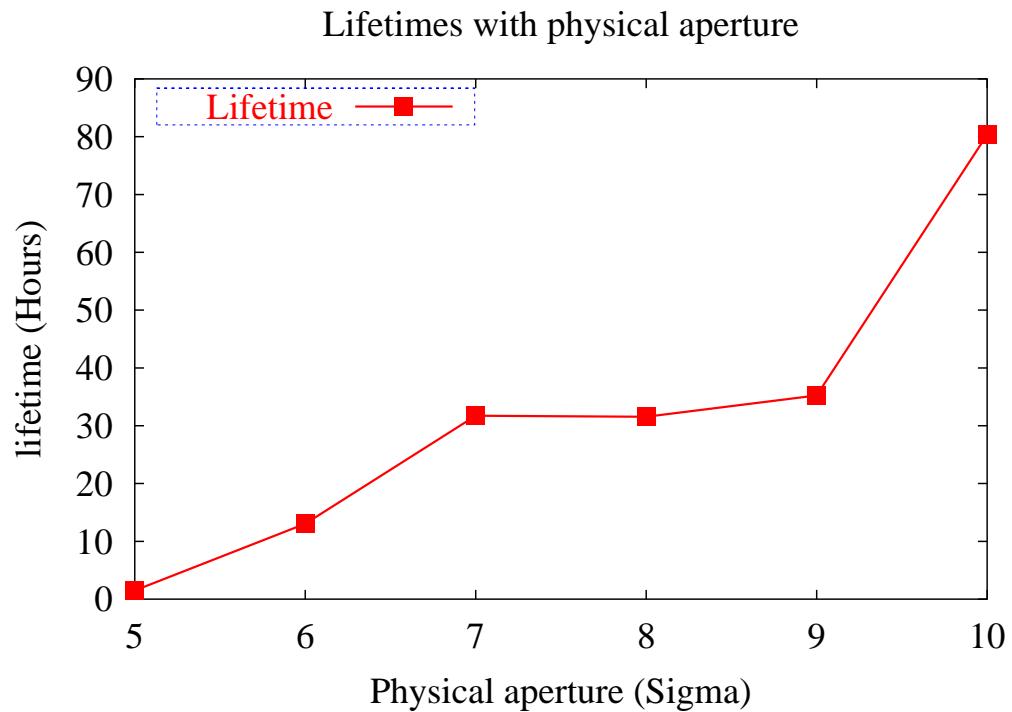
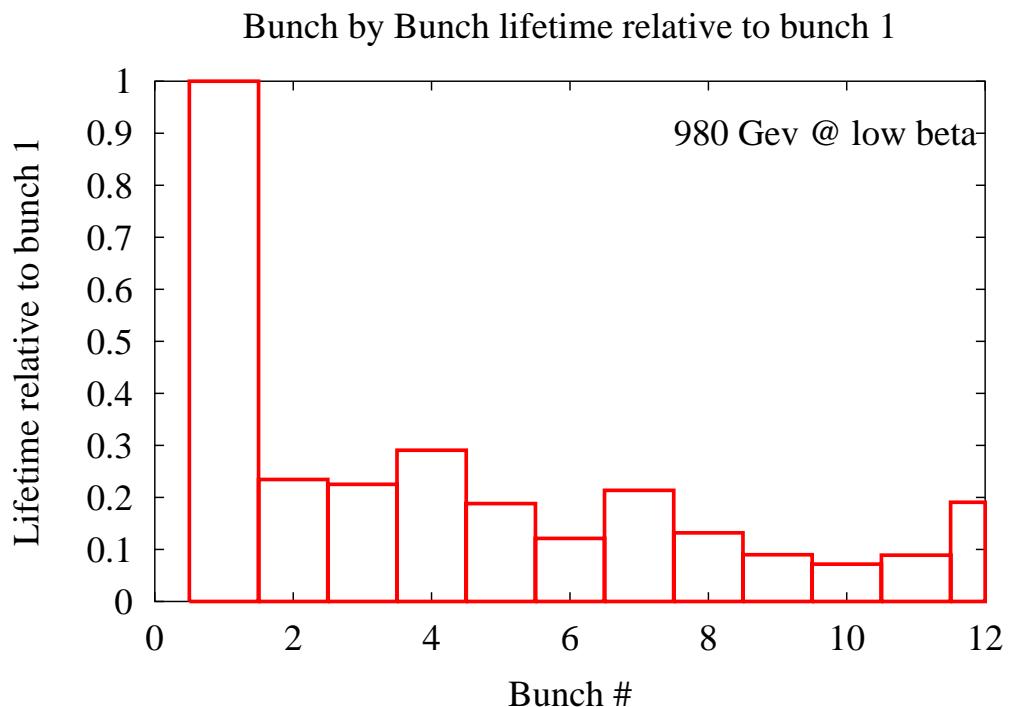


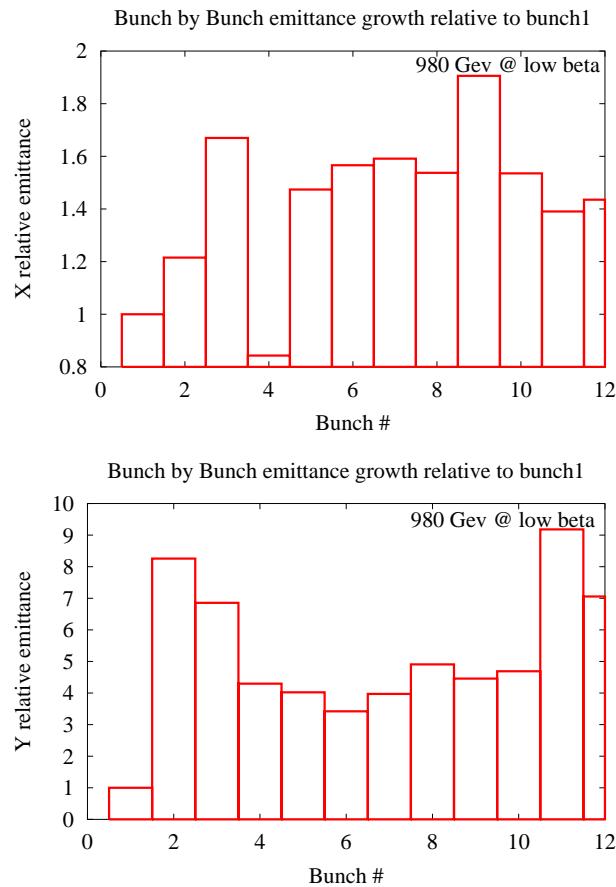
## 0.1 LIFETIME plot for BUNCH 1



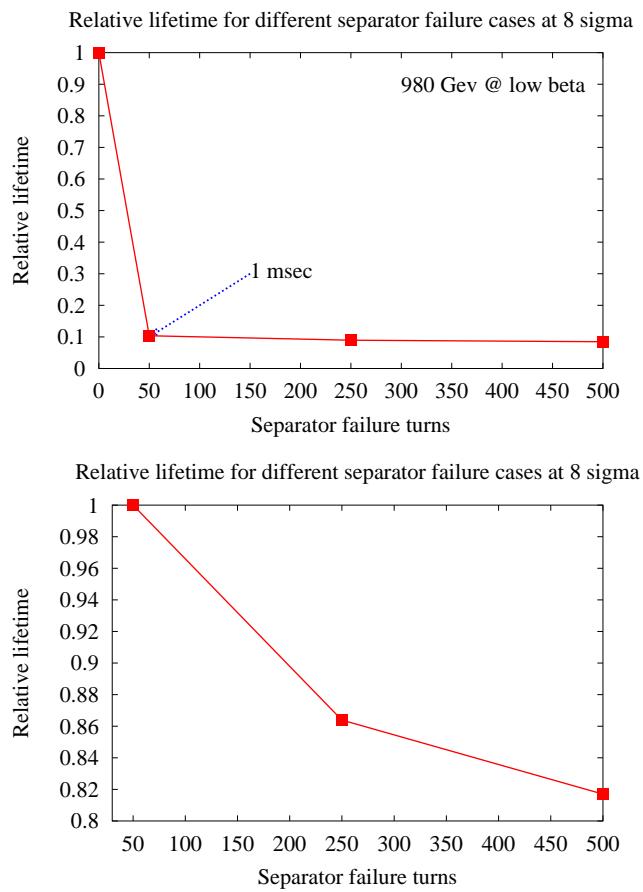
## 0.2 RUNII LIFETIMES



### 0.3 RUNII EMITTANCE GROWTH



## 0.4 Lifetimes with separator[B11H] failure



## 0.5 Emittance growth for BTEV and RUNII

BTEV lifetime run: No particles are lost beyond 4 sigma aperture, after 1M turns.

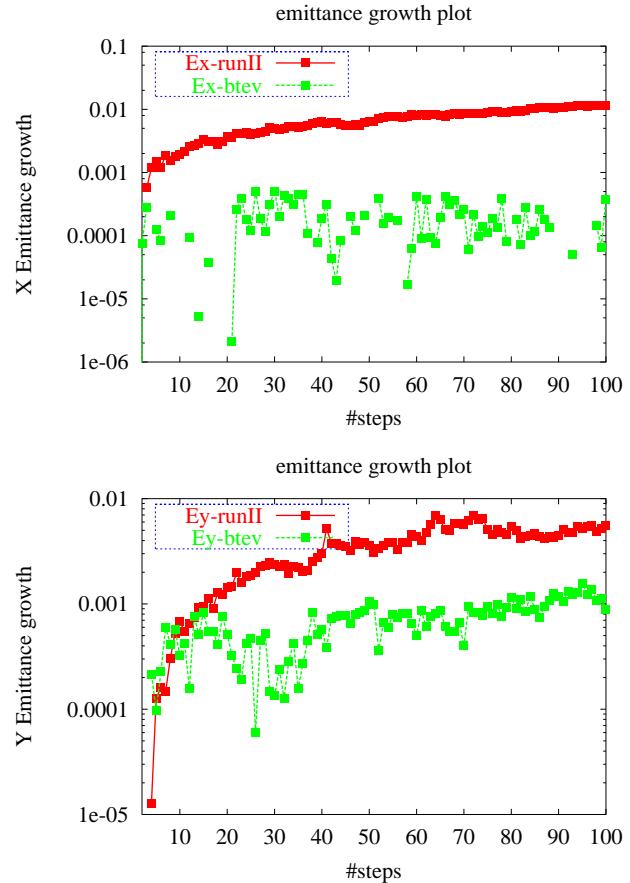
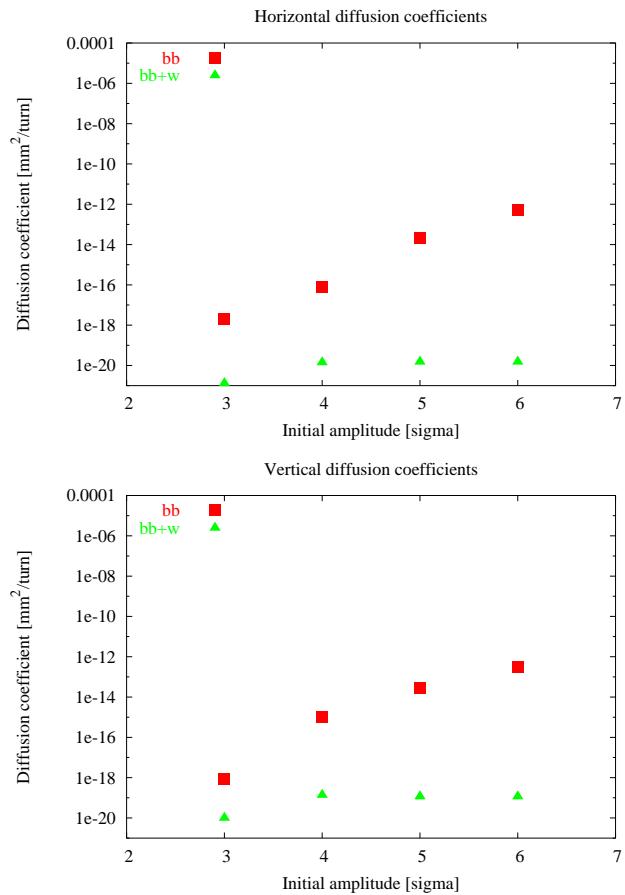


Figure 1: NOTE: 1 step = 10000 turns

## 0.6 Wire compensation



## 0.7 Lifetimes for SPS

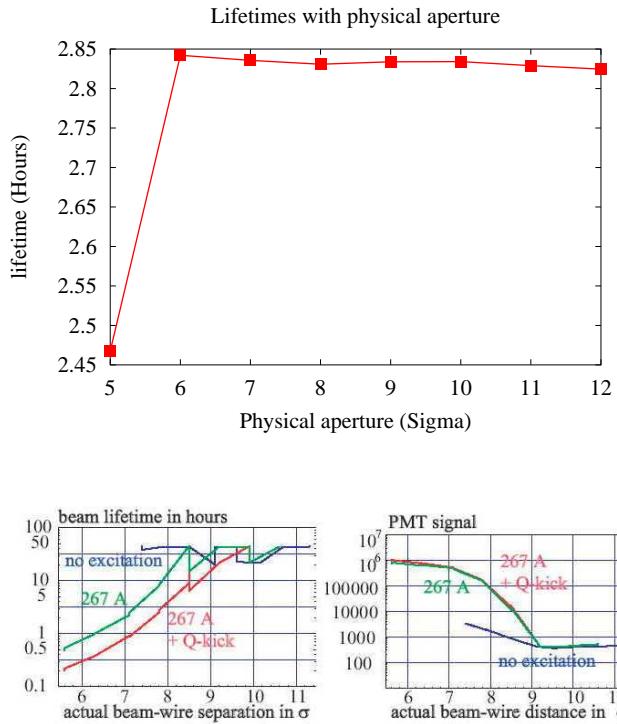


Figure 4: Beam lifetime (left) and beam-loss signal (right) as a function of beam-wire separation at 55 GeV/c. The three curves refer to cases without (blue) and with wire excitation (green), and with tune kicker also active (red).