**LHCb Collaboration**

LHCb 2000-xxx PHYS
00 December, 2002

# A Measurement of the Cross section..

**blah**
CERN

**Abstract**

A measurement of...

# 1 Introduction

# 2 data samples

Description of data and choice of monte carlo.

# 3 Track Selection

# 4 Event Selection

(agreement? Quality of data monte carlo agreement for all the years?)

# 5 B tagging

agreement between analyses? Why choice of particular variables?
(choice of working point? Same working point for both analyses? Quality of data for all years?)

## 5.1 Efficiency Determination

Description of extrapolation from Z0 data to HE.
c efficiency determination.

# 6 Rb measurement

These sections look a bit weird - needs subsections? For discussion

## 6.1 Background Estimation

## 6.2 Rc and acceptance correction

## 6.3 Sources of systematic error

# 7 Results

# 8 the Afb measurement

as before plus binning

# 9 Sources of systematic error

# 10 interpretation

contact interactions.
z prime? gravity?

# 11 Conclusion

15.9 14.3

# References