

TOF Hardware



central wall:

- originally part of E877 (NIM A 408 (1998) pp. 408-424)
- ~ 160 double-ended slats
 - wide slats: 1.7 x 1.5 x 70 cm
 - narrow slats: 1.0 x 1.5 x 70 cm
- measurement resolution in E877: ~ 80 ps
 - for primary tracks, and in different tracking setup

side walls:

- designed, built, implemented by Rice University
- 26 slats on beam left, 14 slats on beam right, 5 x 1 x 100 cm, double-ended

positioning:

- central wall positioned for $\Lambda \rightarrow p$ and $K_s \rightarrow \pi^-, \pi^+$
- side walls positioned for $\Lambda \rightarrow \pi^-, \bar{\Lambda} \rightarrow \pi^+, H_0 \rightarrow \pi^-$