

Quartz Fiber Calorimeter prototype tested at CERN SPS.

Results provided by Yasar Onel. Response is similar for pions and electrons.

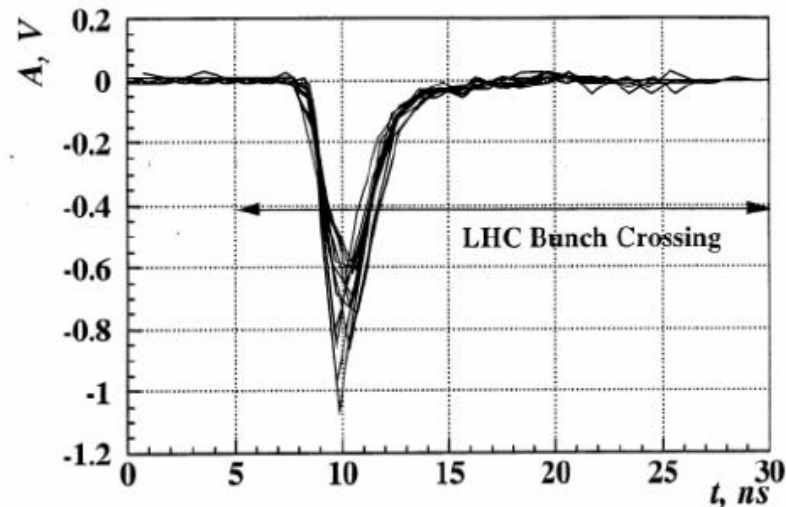


Previous Experimental Data on Photodetectors by HF Group



R6427

350 GeV Pion Signal



→ Need info for different calorimeter technologies on how to achieve 1ns resolution
For use in small, forward angle calorimeter (~5-40 mrad).
Certainly single channel devices can achieve 1ns or better, but what about calorimeters?