

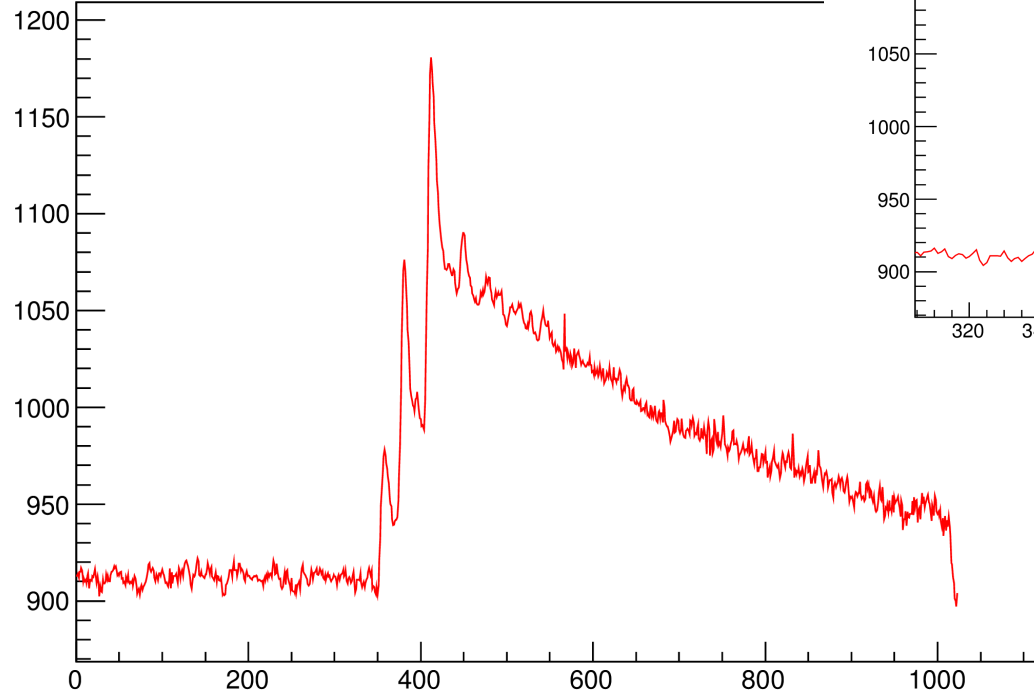
pilas timings

- condizioni:
 - tune 85%
 - trigger interno 2 kHz
 - acquisizione con digitizer CAEN V1742 @5GHz
 - fibre + bundle
 - SiPM FBK recente
 - amplificatore CAEN (48 dB)

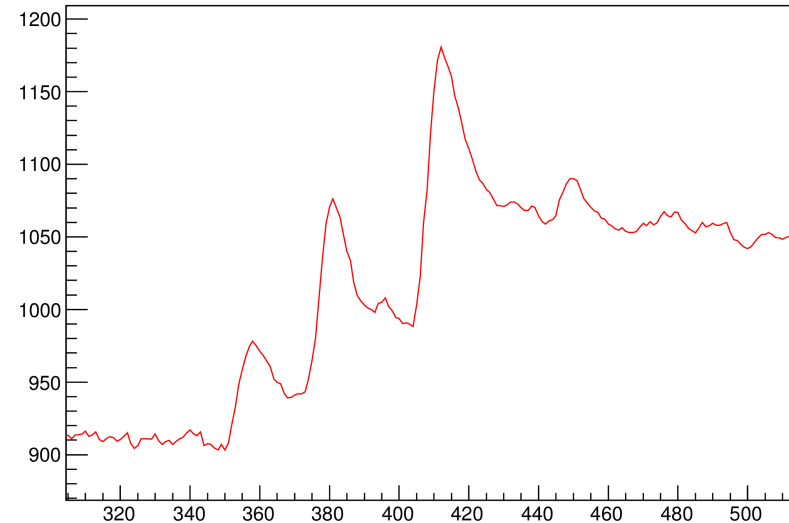
pilas timings

- molti eventi di questo tipo

Graph

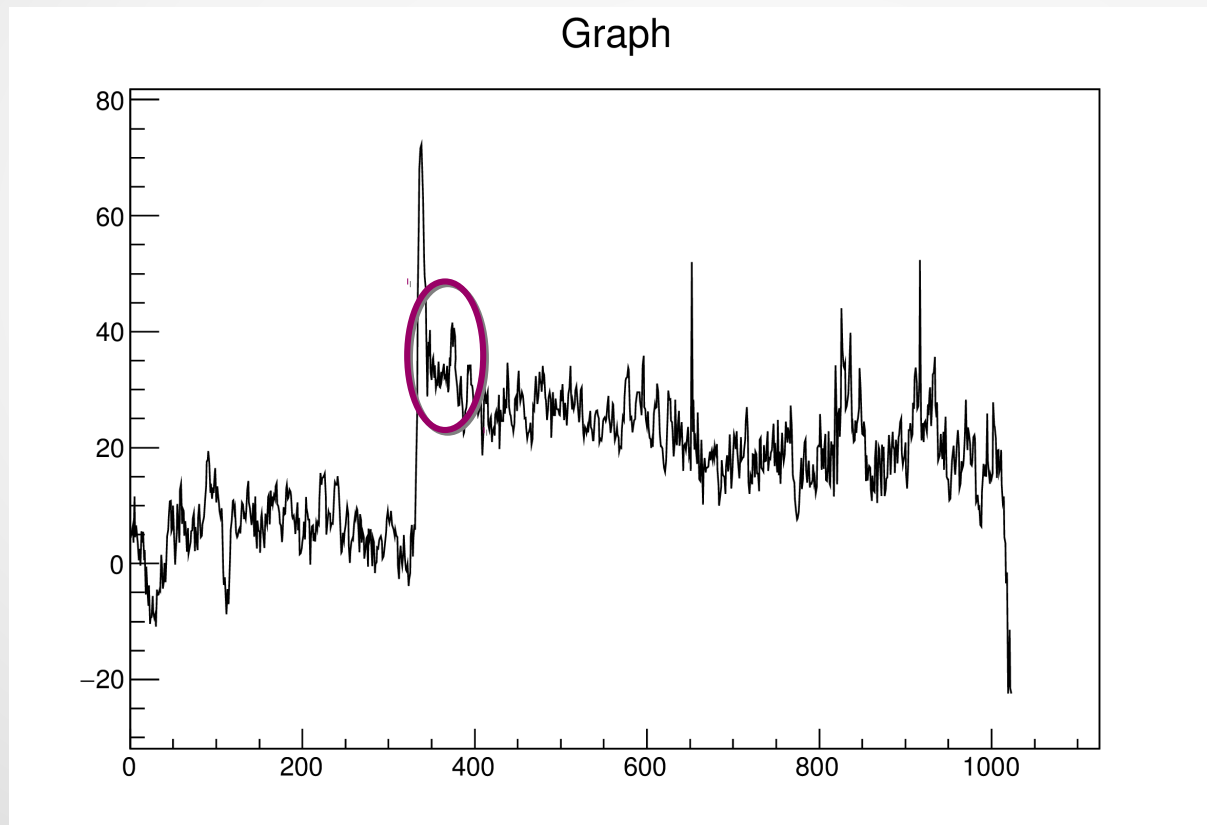


Graph



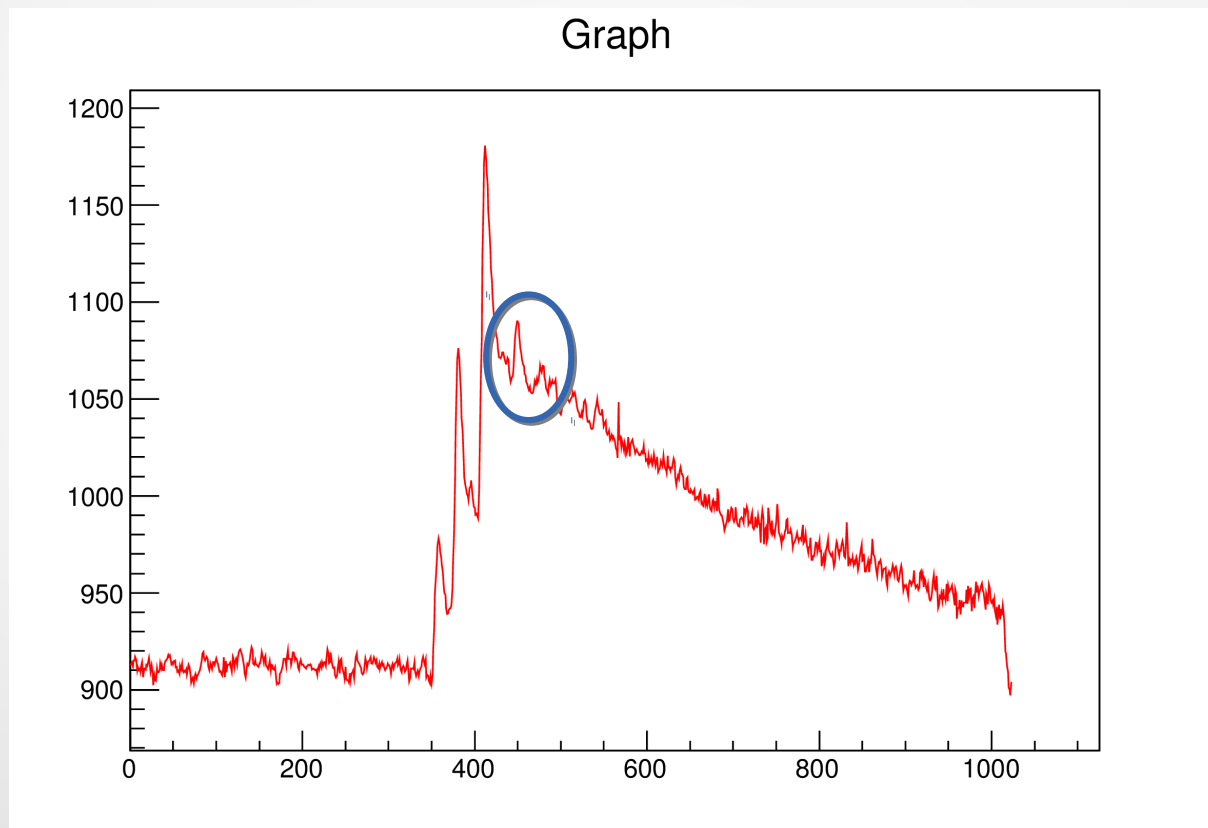
pilas timings

- evento con un fotone



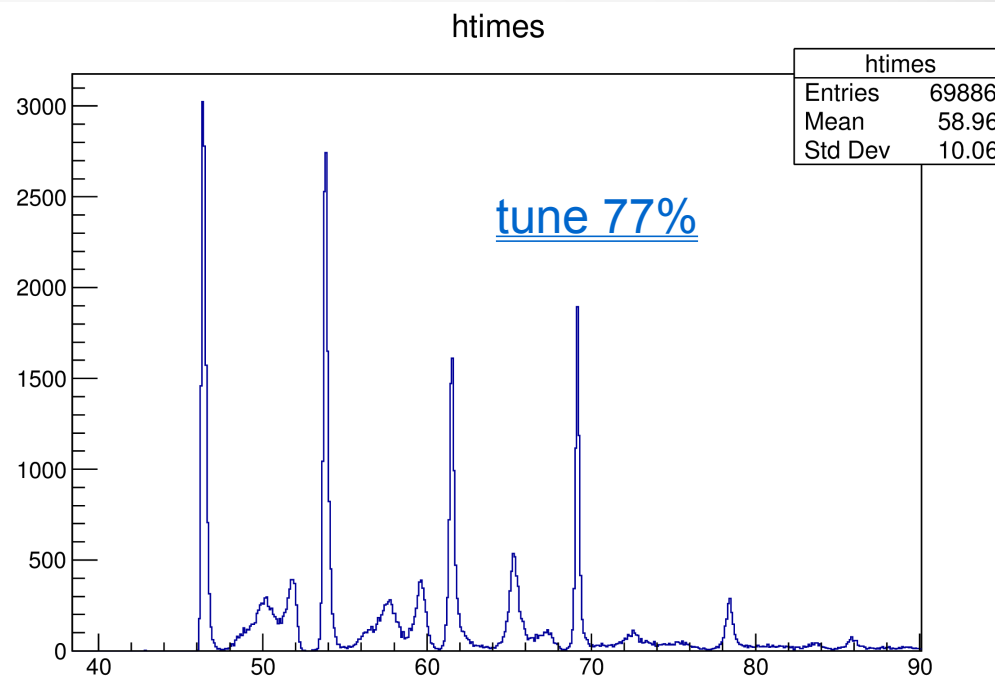
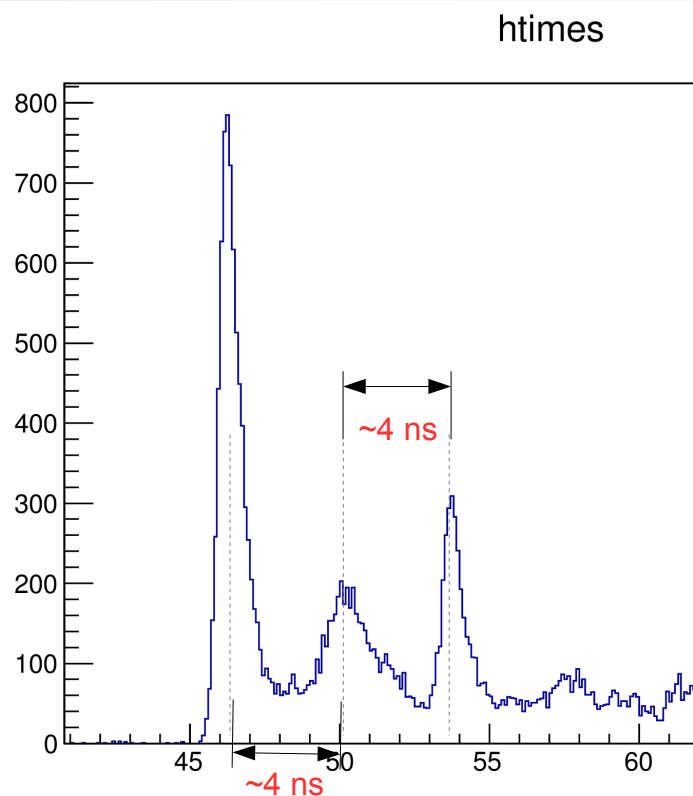
pilas timings

- anche nell'evento con tre fotoni si nota un picco sospetto



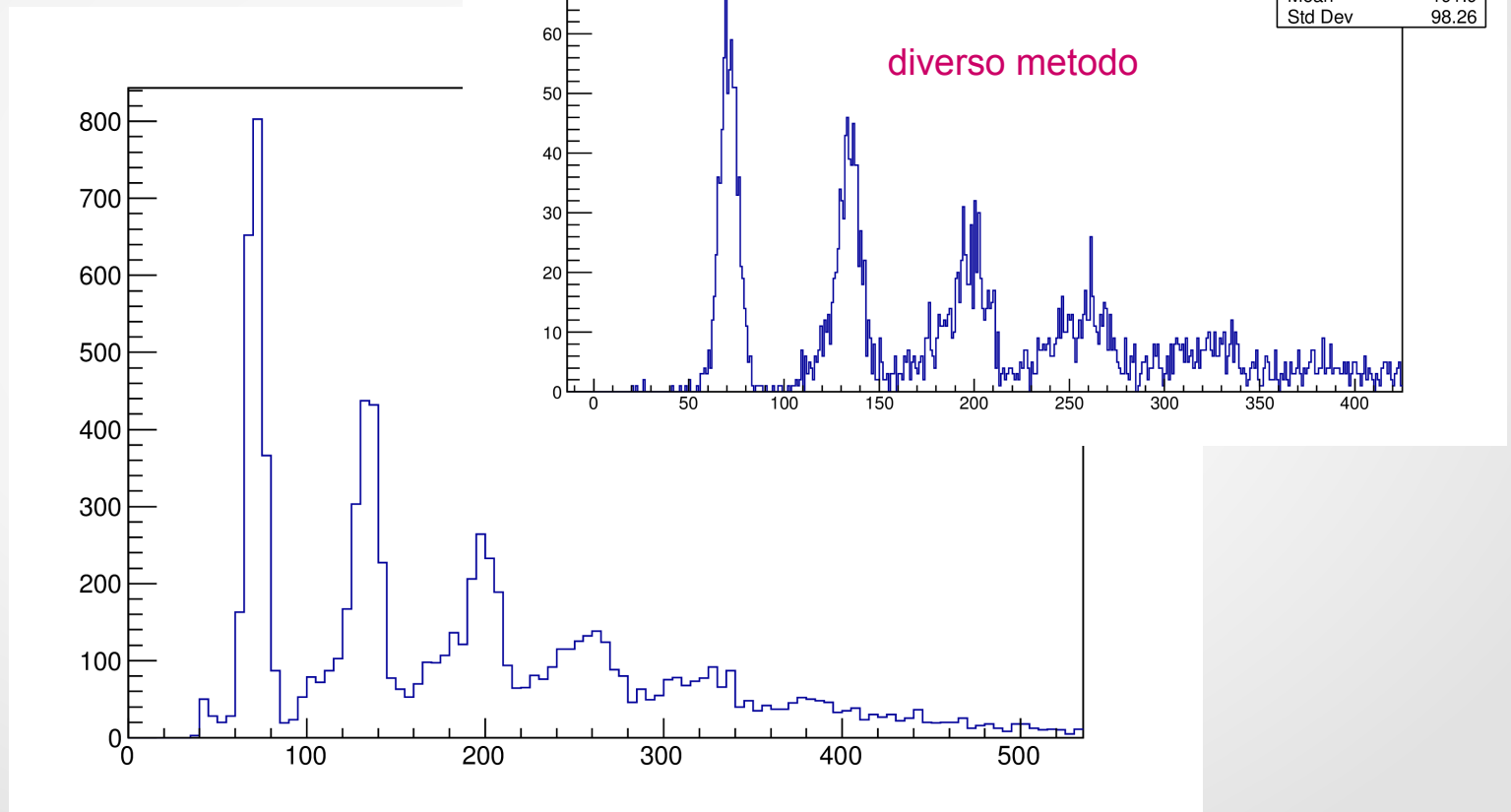
pilas timings

- con un algoritmo che cerca di individuare i vari picchi nel singolo evento



pilas timings

- ampiezza del primo picco



pilas timings

- un picco a circa 4 ns si vede anche utilizzando un metodo diverso (tempo del picco principale)

