Sample size equals surface times flux times time.

Dhat is the needed time, Anyhow?

Eugenio Daoloni, Pisa 19 offobre 2012

5TTC Chip 63 0x40: E.g.



A typical run (2420)



3







Chip1 m2: Landau

(#run~50, #evt-fin=301 in window +-1 nitch)

landau (x) gauss convolution



Note: there is a (+) bias is due to the max. search. To be taken into account the gain spread (20%)

3. 4 % off time window

(w.r.t. scintillator)

From Fe55 :G=320 mV/fC

MPV = 53.5/G/1.6e-4=1044 e-

After syncing the DAQ telescope and the DAQ maps, the info is merged. Find the max ph in a 1us after the scint. pulse. Sum the ph@time-max of other 8 pixels to give the Qcluster

Bettarini's Plots



- A brilliant luminosity model for the next Beam Test has been proposed
 - 1/4 hours for the alignment & 12 hours of data taking
 - 95619 events collected 301 of which on target
- Should we shrink the area trigger window? By now 6 by 6 pixels. . . perhaps 4 by 4 is adequate (almost a factor 2 improvement)
- Should we request a saved event on the EDR O side? Some MEG events are not on the Robin data stream

