

Tunning the simulation

2011 and 2012 data

Alberto Lusiani, Marcin Chrzęszcz

15th March 2013

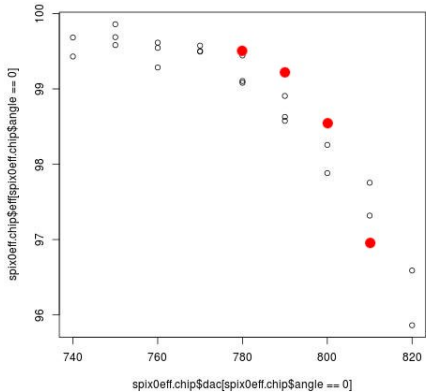


2011

What was changed:

- ① Turn off the charge sharing.
- ② Charge recalculated to one pixel.
- ③ Charge is smeared according to Gaussian distribution
- ④ Threshold is the same as measured in data!
- ⑤ The Gauss parameters are sensitive to threshold tuning.

Preliminary plot



What I plan

- ① The parameters vary among the chips.
- ② If we want to compare MC do data we need to get the charge from threshold and than compare.
- ③ I propose to wait till all the lab tests are done.