



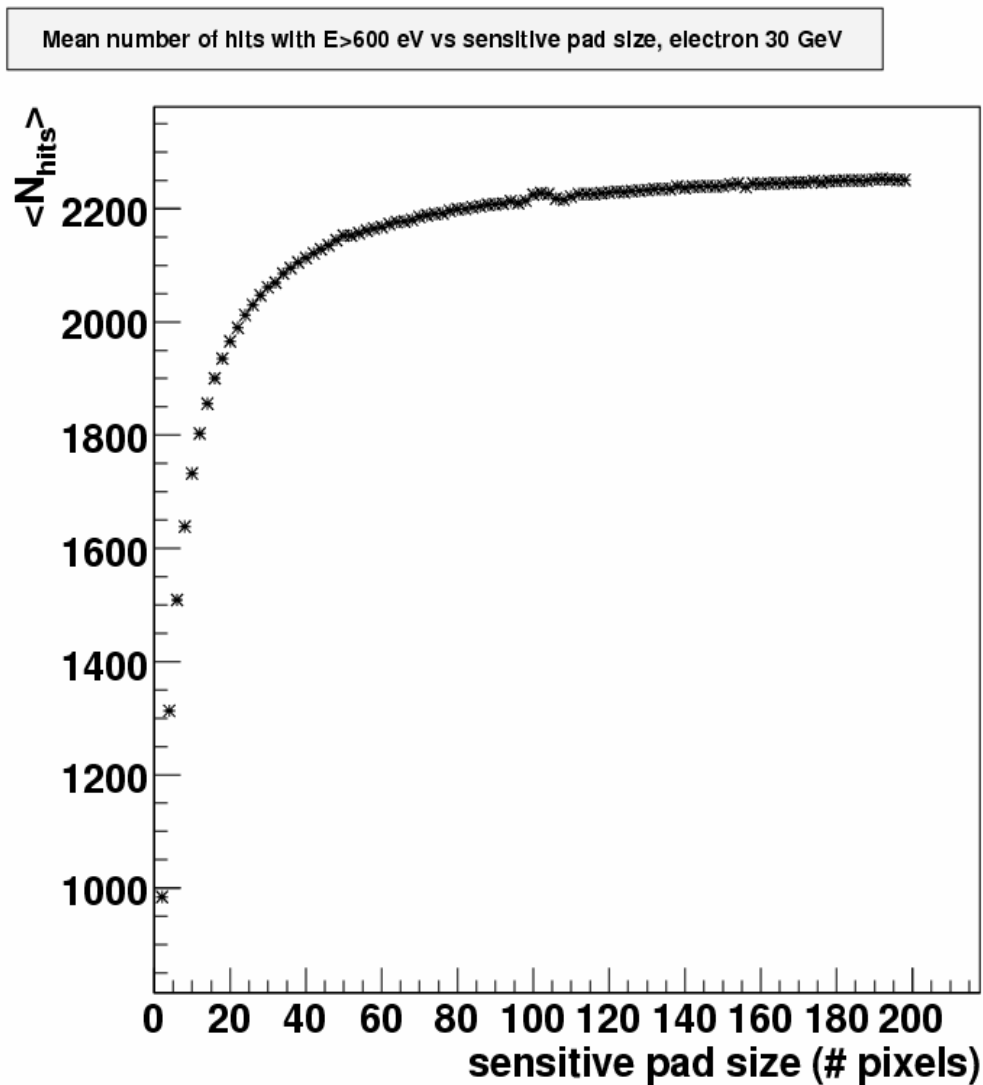
Update on digitisation procedure

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- Study of dead width
- run on the GRID

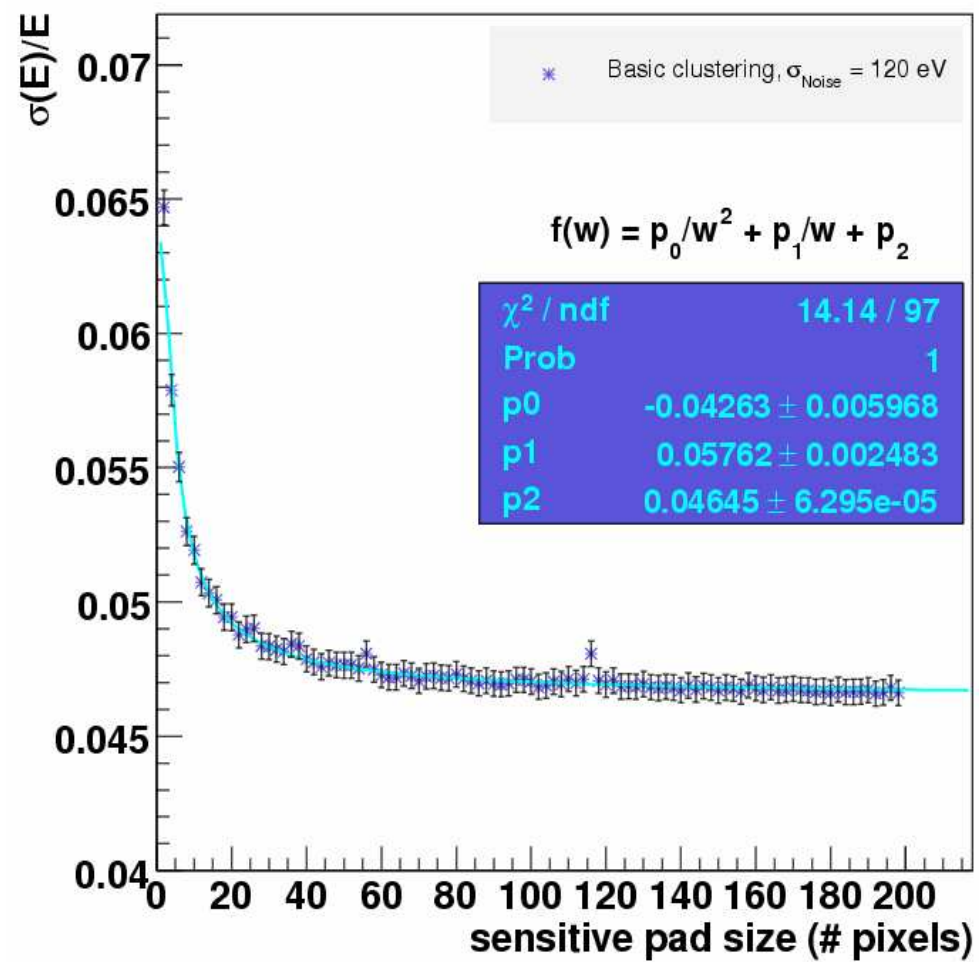
Study of dead width

- Processor released in the Calice CVS rep.
- As last step of the digitisation procedure
- Just removing hits in strip of 4 pixels every N pixels, in x or y direction as choice.
- What is the minimal sensitive pad size acceptable ?

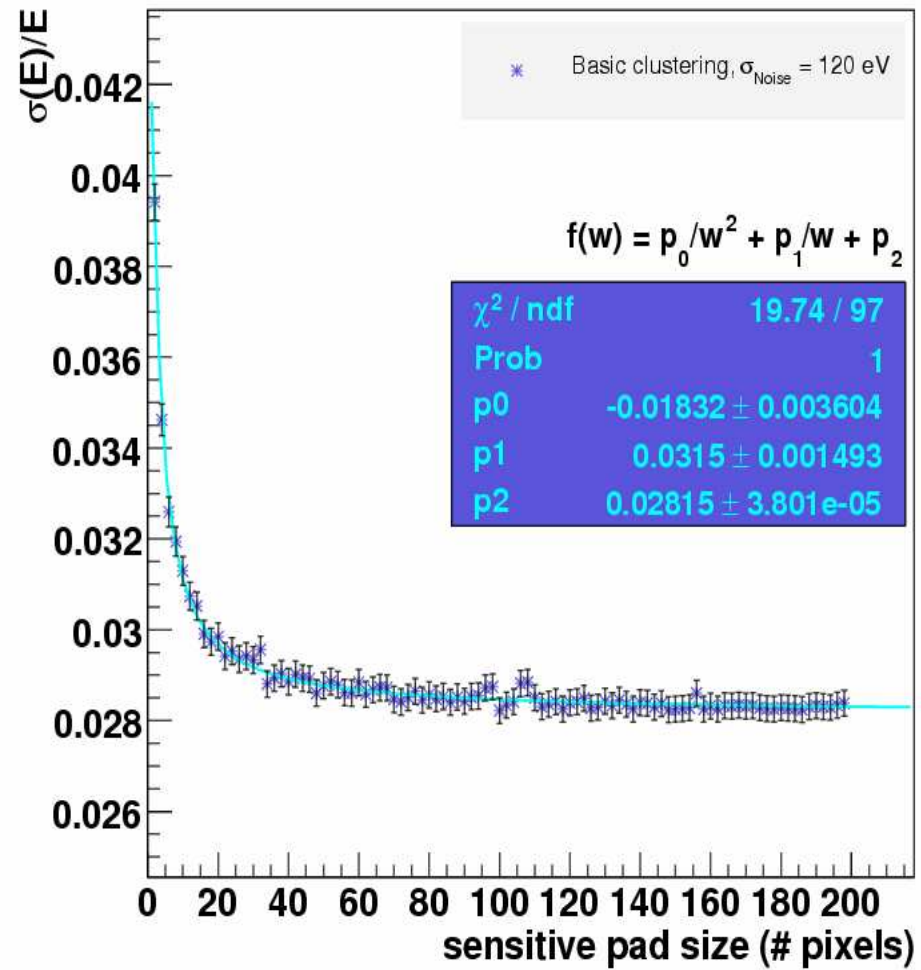


Resolution obtained vs sensitive pad size

$\sigma(E)/E$ vs sensitive pad size, electron 10 GeV

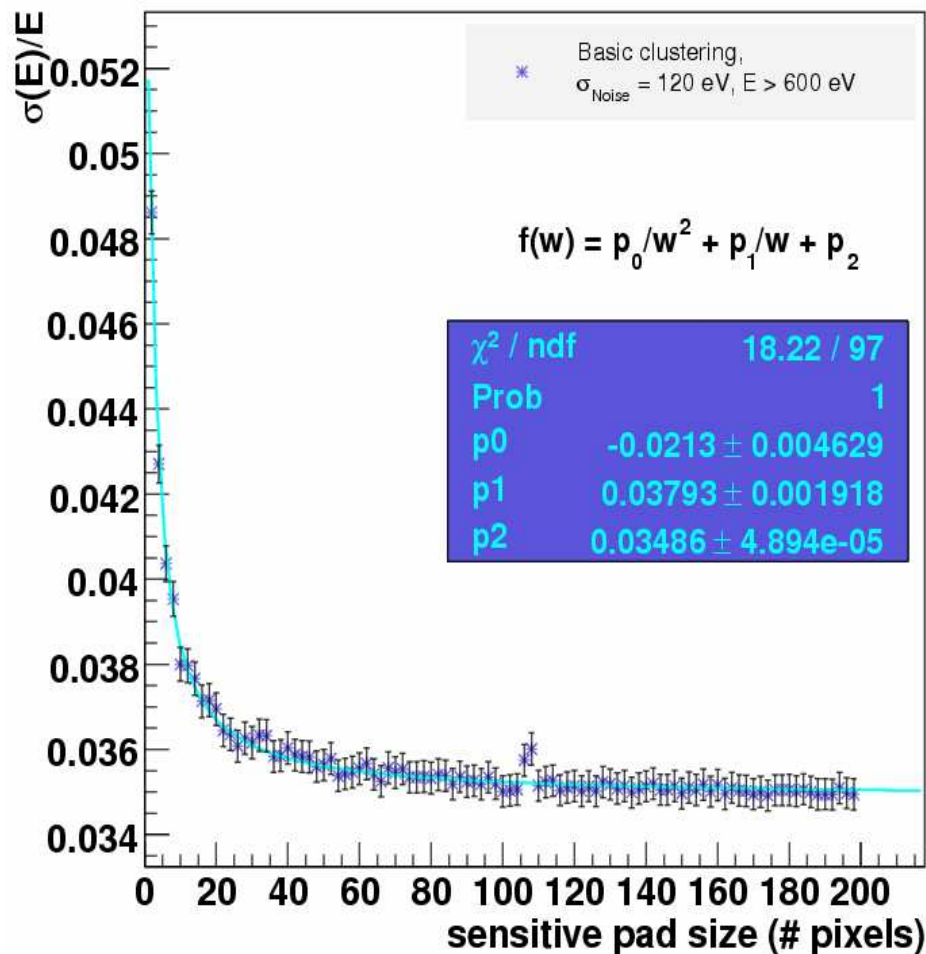


$\sigma(E)/E$ vs sensitive pad size, electron 30 GeV



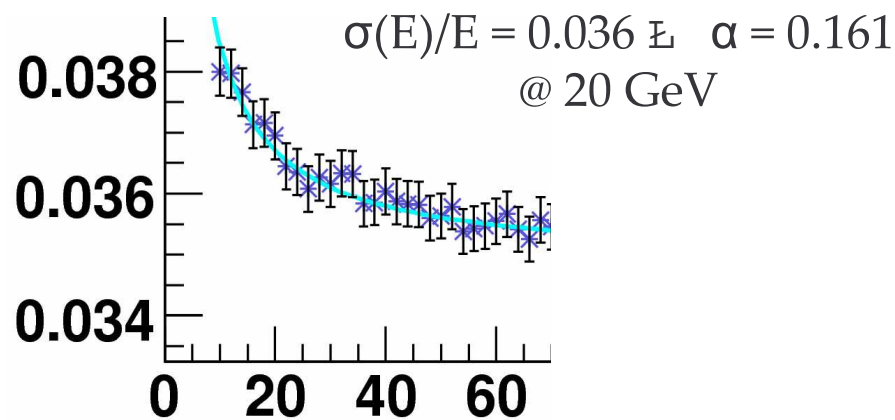
Results

$\sigma(E)/E$ vs sensitive pad size, electron 20 GeV



Asymptotical values

| Energy | α |
|--------|----------|
| 10 GeV | 0.147 |
| 20 GeV | 0.156 |
| 30 GeV | 0.154 |



GRID working !!

- Thanks to Gidon from Imperial : Mokka is running on the grid !
- Have also send an analysis job : not digiMAPS, but coming soon !
- Currently setting up a web documention
- Please ask me whenever you're ready to try that, for MC production or analysis.
- The basis is : a statically-linked executable, the steer file, the input file (if not already on a grid Storage Element) and 2 perl scripts to send the job from a GRID machine:
 - ⊕ really convenient and easy to use when the perl script are written.