Suggestions to decrease the ssdStripCalib size

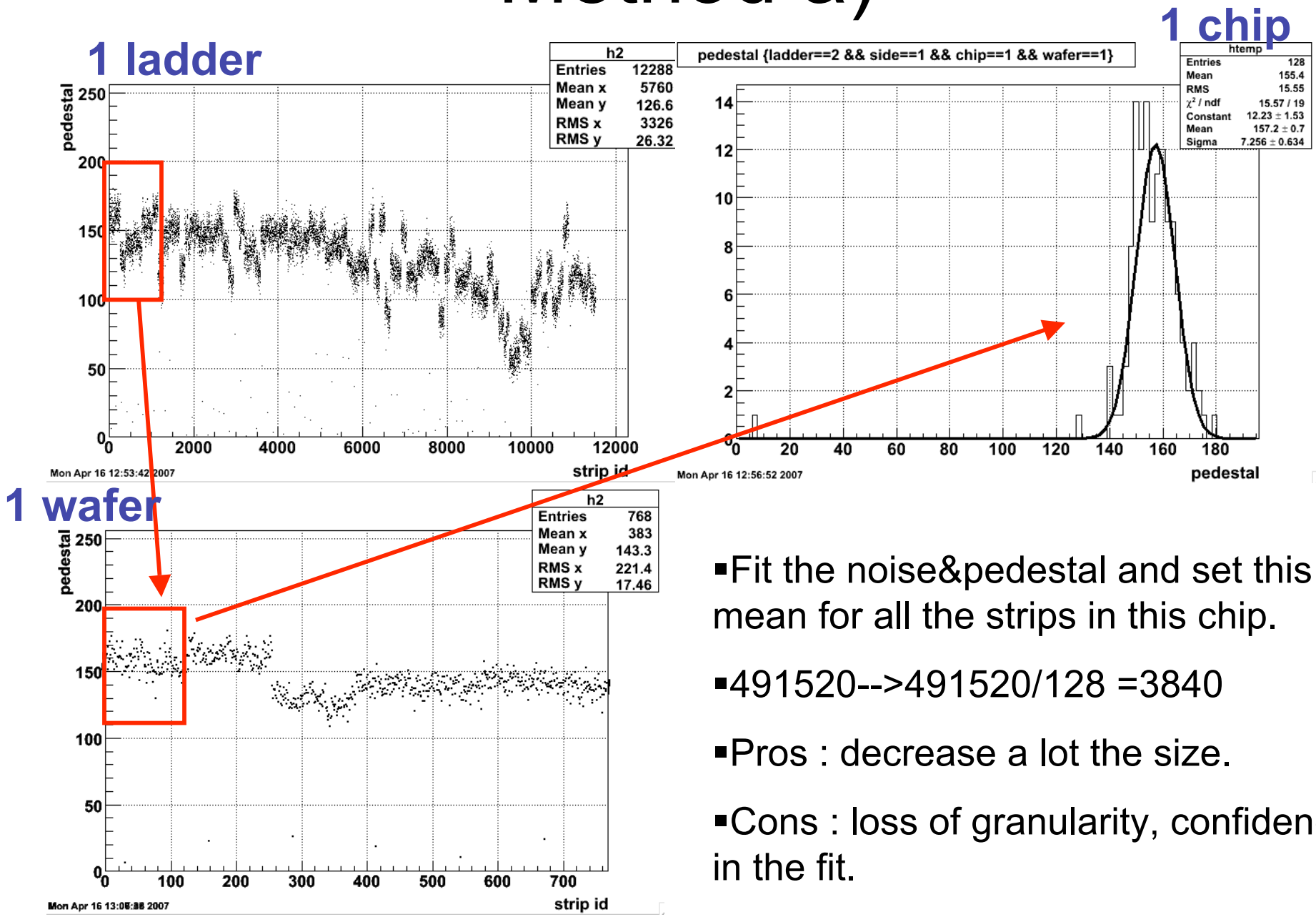
- Size of 1 table : 491520 entries * 3 fields
- Field ={id,pedestal,noise}[long,octet,octet]
  - 1 ladder = 12288 strips
  - 1 wafer = 768 strips
  - 1 chip = 128 strips

a) Write only 1 value per chip.

b) Write only the noise.

c) Last proposal

Method a)



- Fit the noise&pedestal and set this mean for all the strips in this chip.
- 491520-->491520/128 =3840
- Pros : decrease a lot the size.
- Cons : loss of granularity, confidence in the fit.

Method b)

- Write only the noise.
- Still 491520 entries but only 2 fields.
- Pros : keep the granularity.
- Cons : pedestal not used in real data but in simulation when the pedestal substraction is done.

  -->something has to be found in this case.

Method c)

```
/*    ssdNoise.idl
*  Table: ssdNoise
*  description:  SSD noise
*/
struct ssdNoise {
  float rms[320][1536];
  /* the first column is : NumberofLadders * NumberofWafersPerLadder = 20 * 16 */
  /* the second column is : NumberofStripsPerWafers * NumberofSide   = 768 *2 */
};
```

- In this table, I don’t write anymore the pedestal and remove the id_strip but it still a combination of ladder id, wafer id, side.