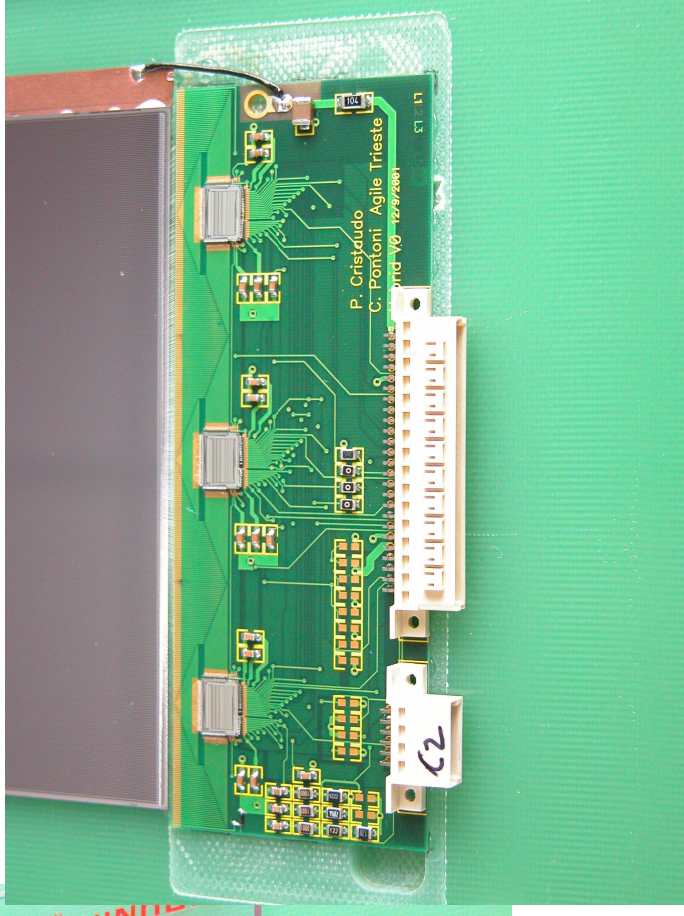
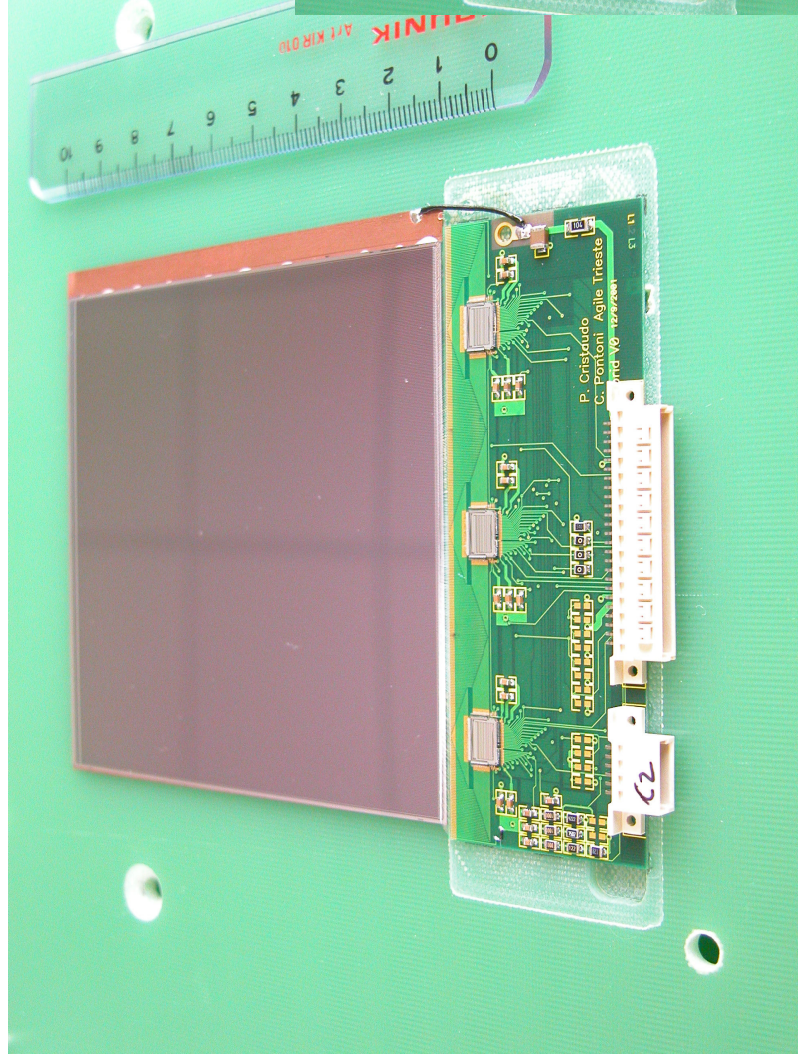
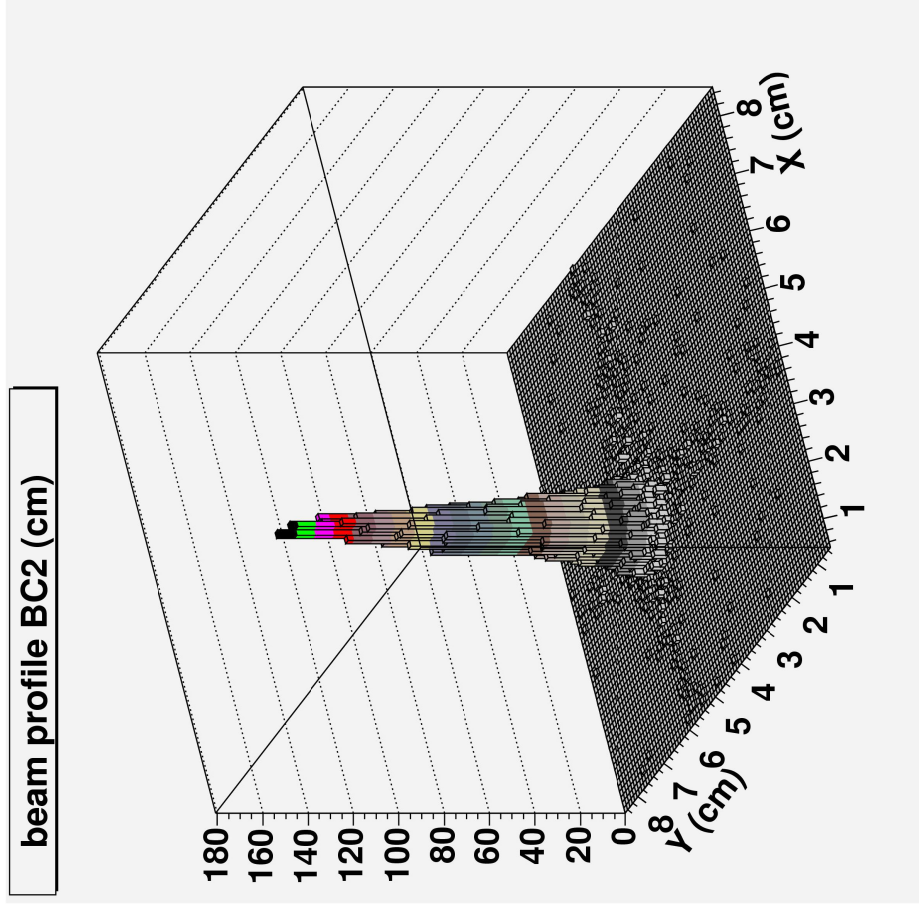
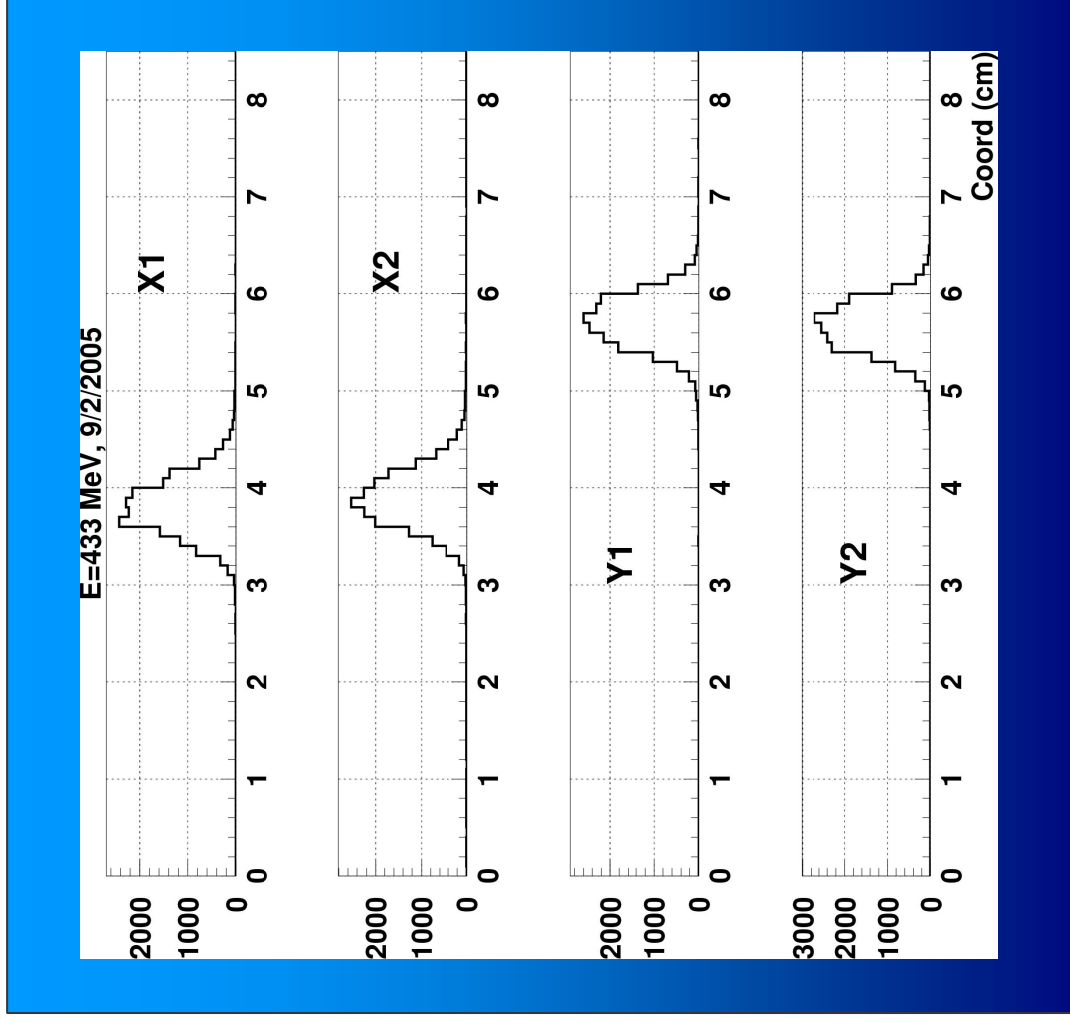


Calibration first step: silicon beam chamber

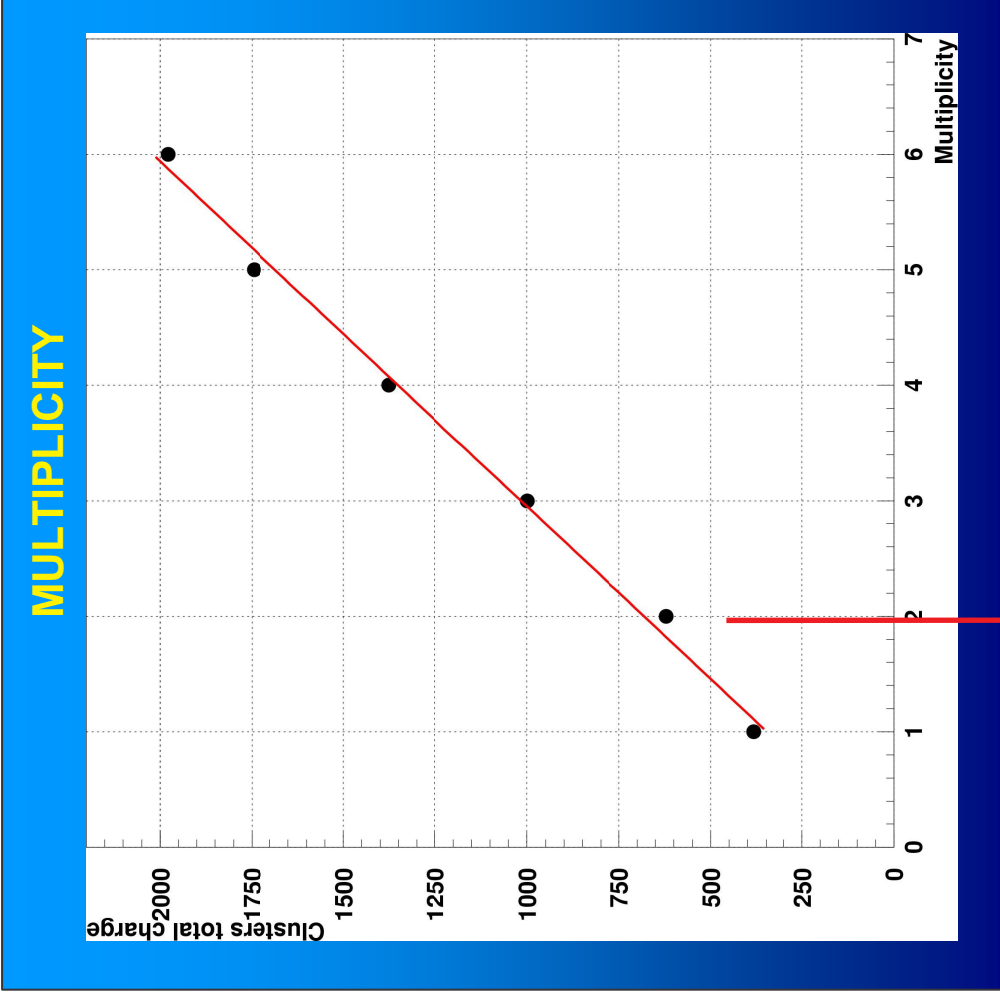


- 2 pairs of $8.9 \times 8.9 \text{ cm}^2$ $400\mu\text{m}$ thick silicon detectors organized in a x-y configuration
- 384 strip per detector with a pitch of $228\mu\text{m}$ for a total number of readout channels of 1536
- readout ASIC: TAA1 (the same as the AGILE tracker) with autotrigger capability
- Producers: detector - Micron (England), ASICs - IDEAs (Norway), assembly - Mipot (Italy)

Beam chamber: tests on the beam → E=433MeV



Beam chamber: tests on the beam → beam dimensions vs energy and multiplicity



The multiplicity is computed with the nr of clusters and compared with the calorimeter one

