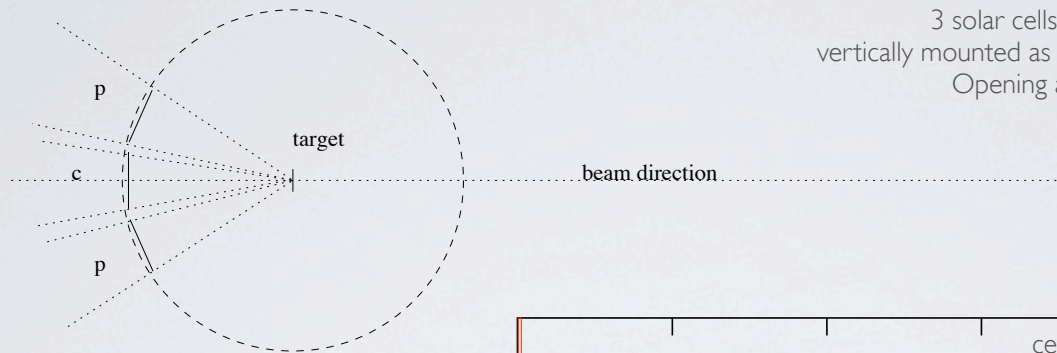
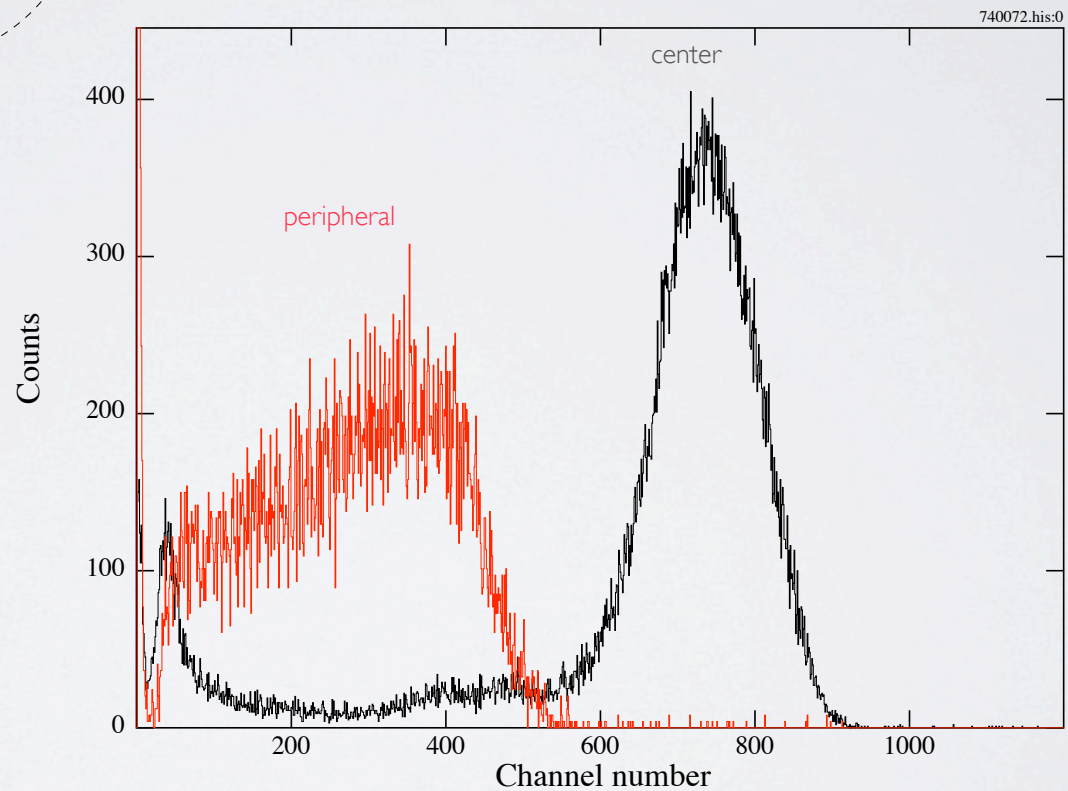


Separated particle detectors



3 solar cells size each 10×10 mm
vertically mounted as shown, distance to target 30 mm
Opening angle $\pm 9.5^\circ$ per cell



Spectra taken with the same preamplifier (same gain) . Both peripheral cells were wired together.
Center and peripheral give nearly the same slopes and the rates are for all cells more or less the same.
Conclusion: it does not pay to separate the particle detector and have the added data handling.