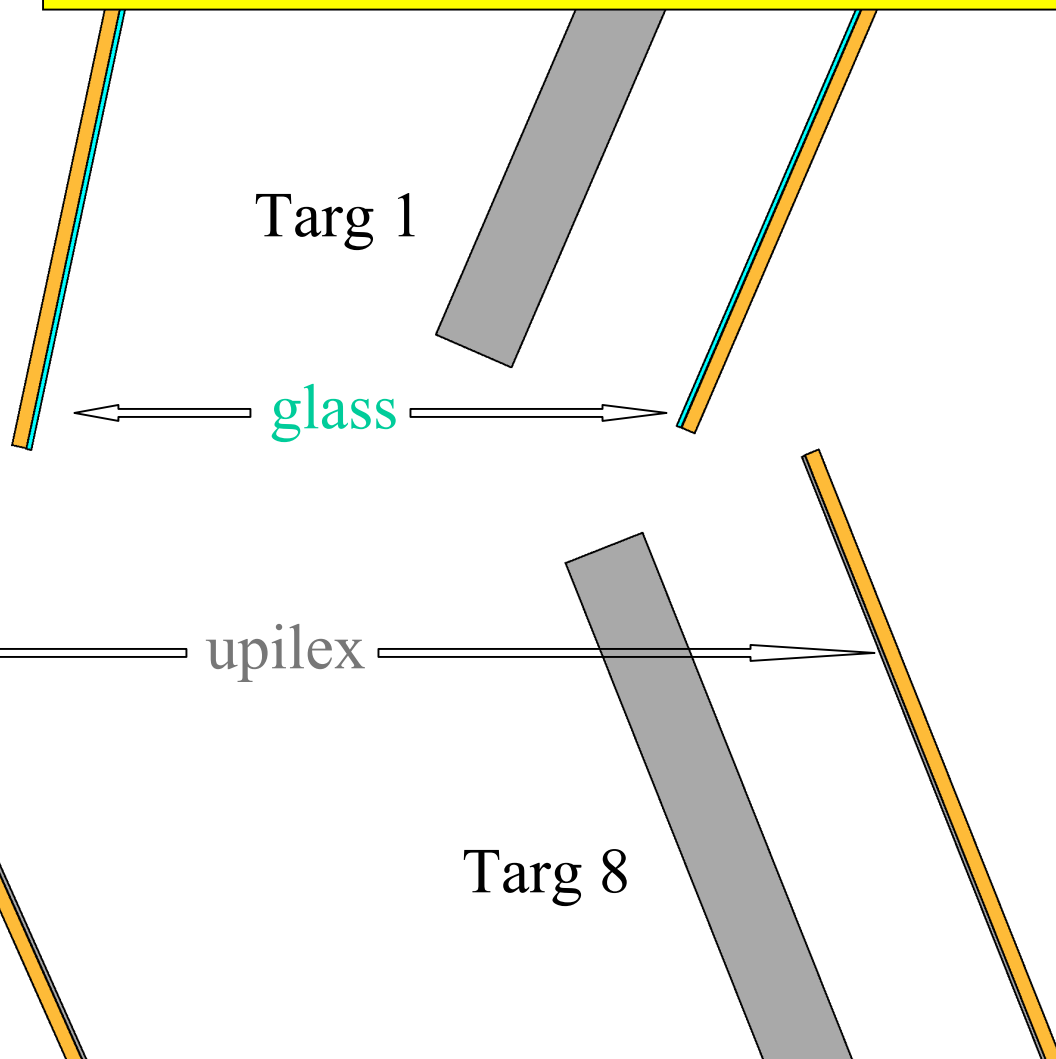


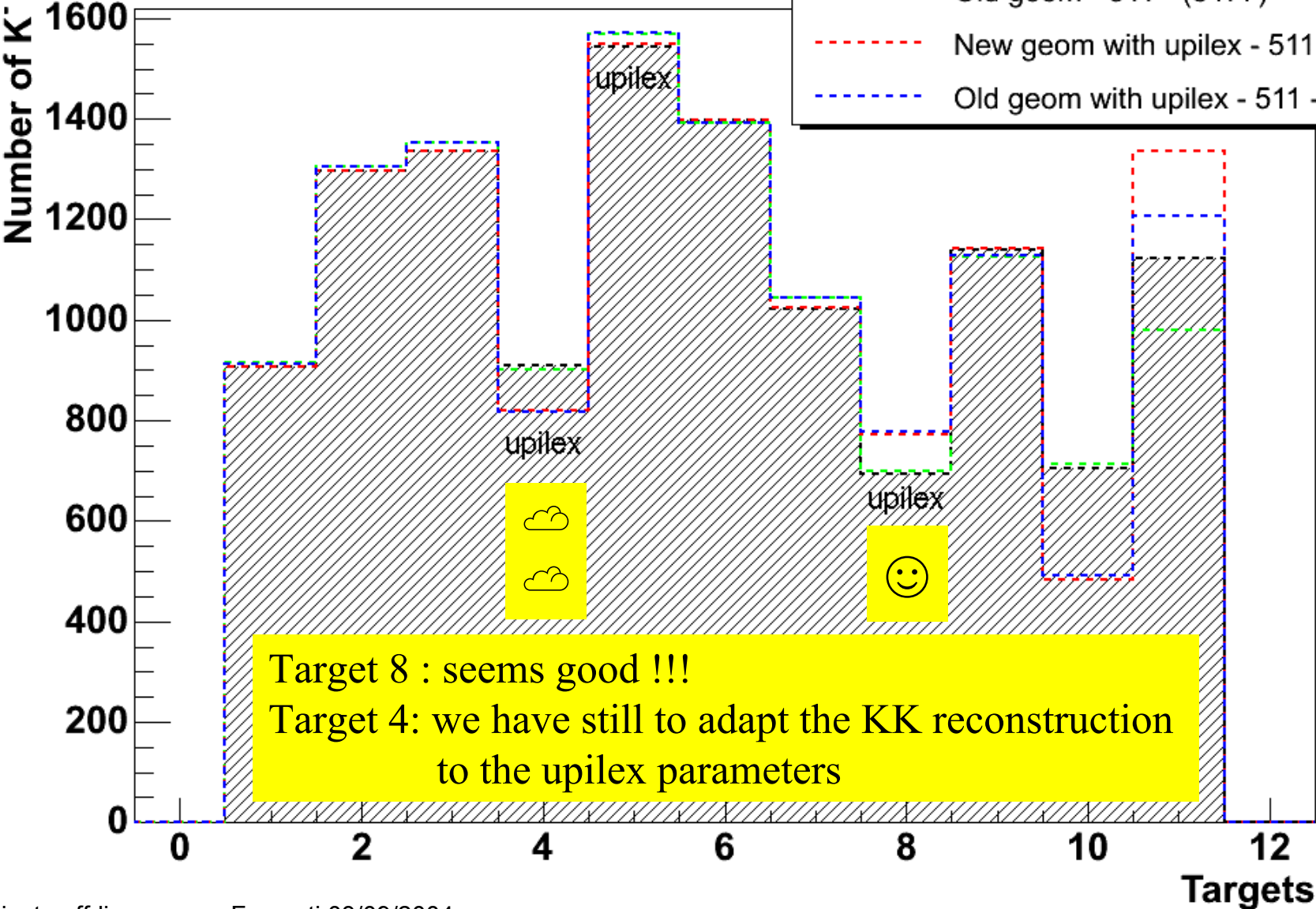
Upilex foils introduced in both new and old geometry
ISIM4 – ISIM5 – ISIM8 – OSIM14 – OSIM18 involved
Important to improve the number of the kaons reconstructed
in target 8



Results after upilex insertion

K⁻ stopped into targets

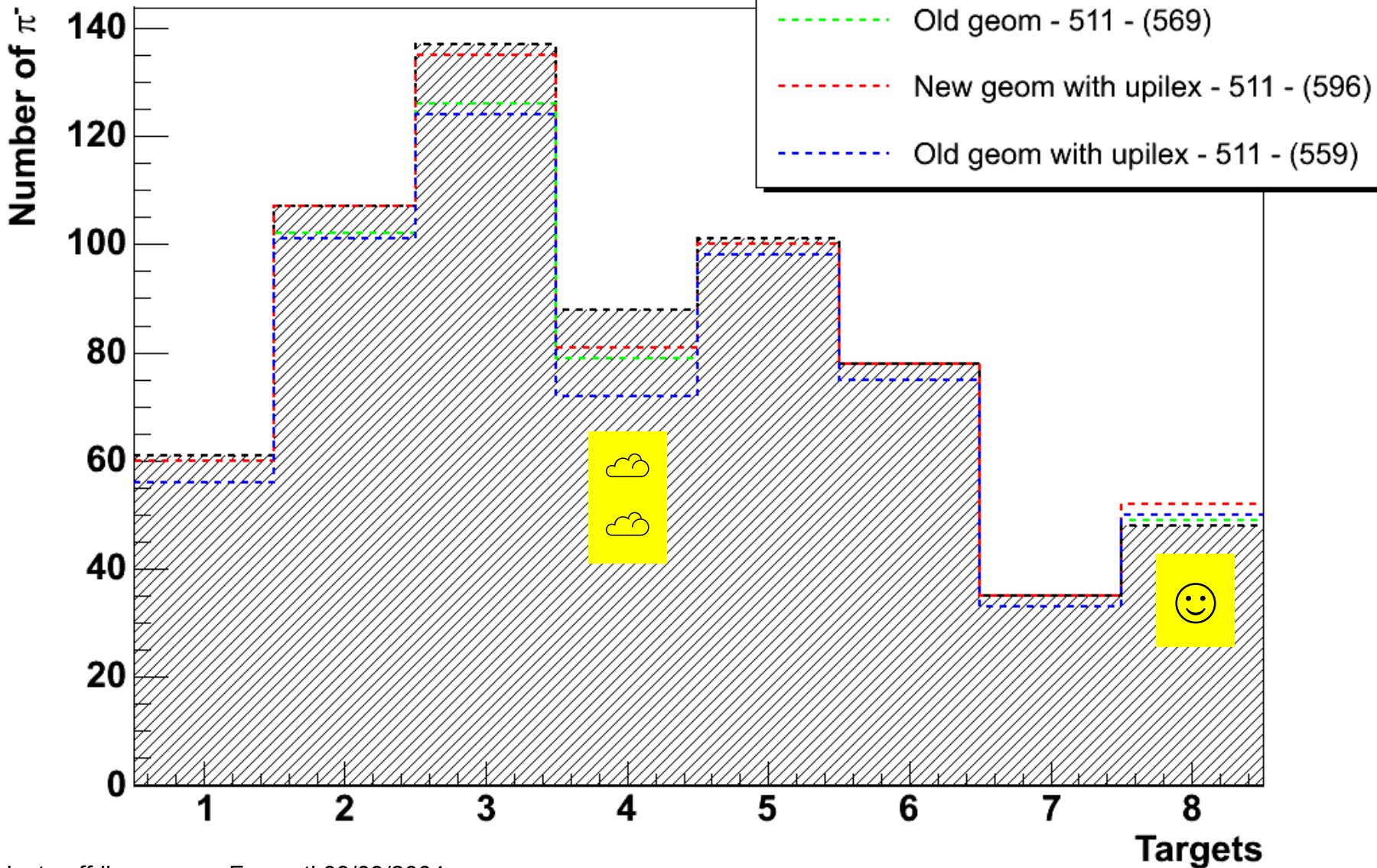
- New geom - 511 - (8409)
- - - - Old geom - 511 - (8477)
- . - . New geom with upilex - 511 - (8333)
- . - . Old geom with upilex - 511 - (8394)



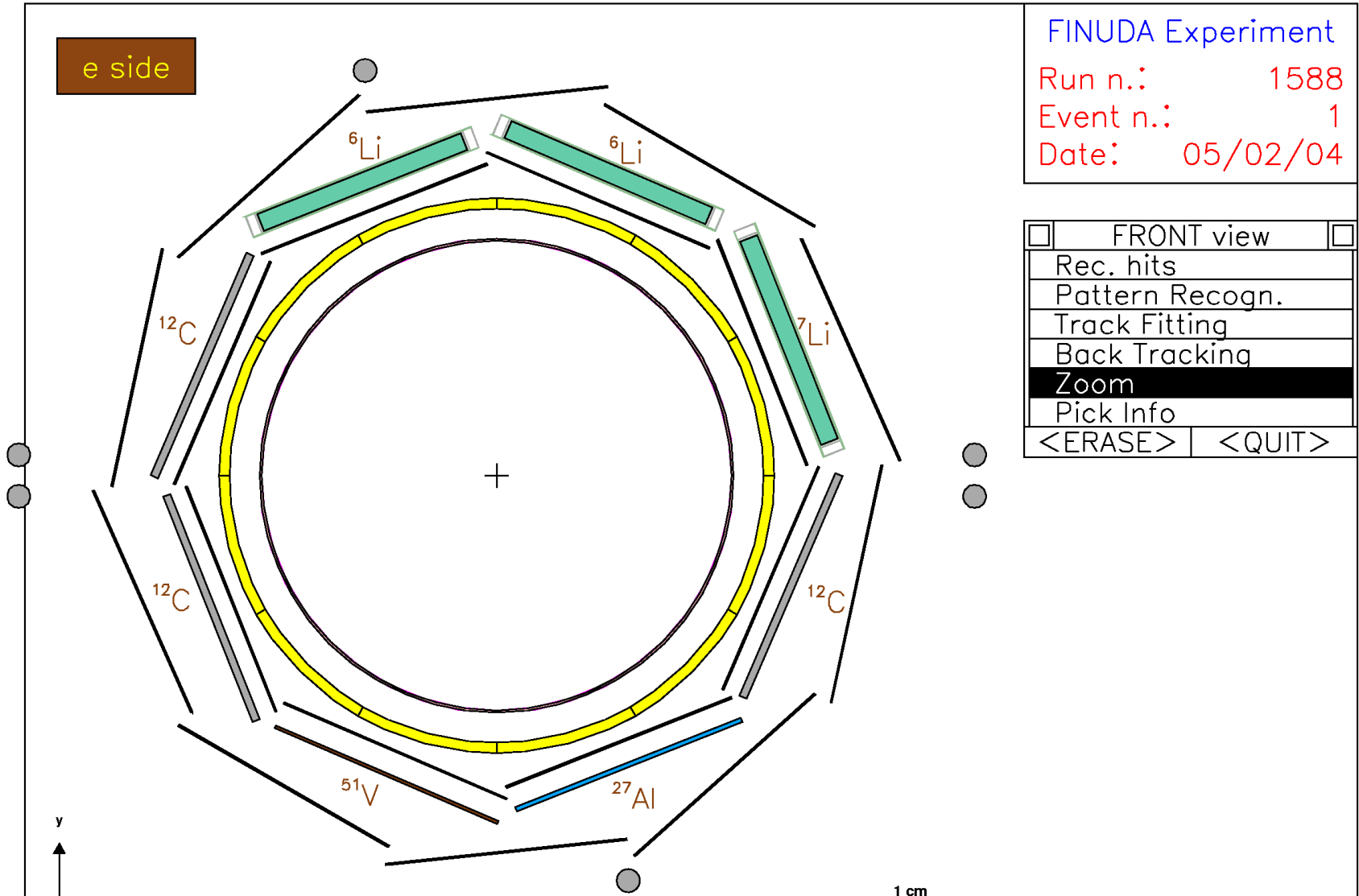
Target 8 : seems good !!!
Target 4: we have still to adapt the KK reconstruction to the upilex parameters

Results after upilex insertion

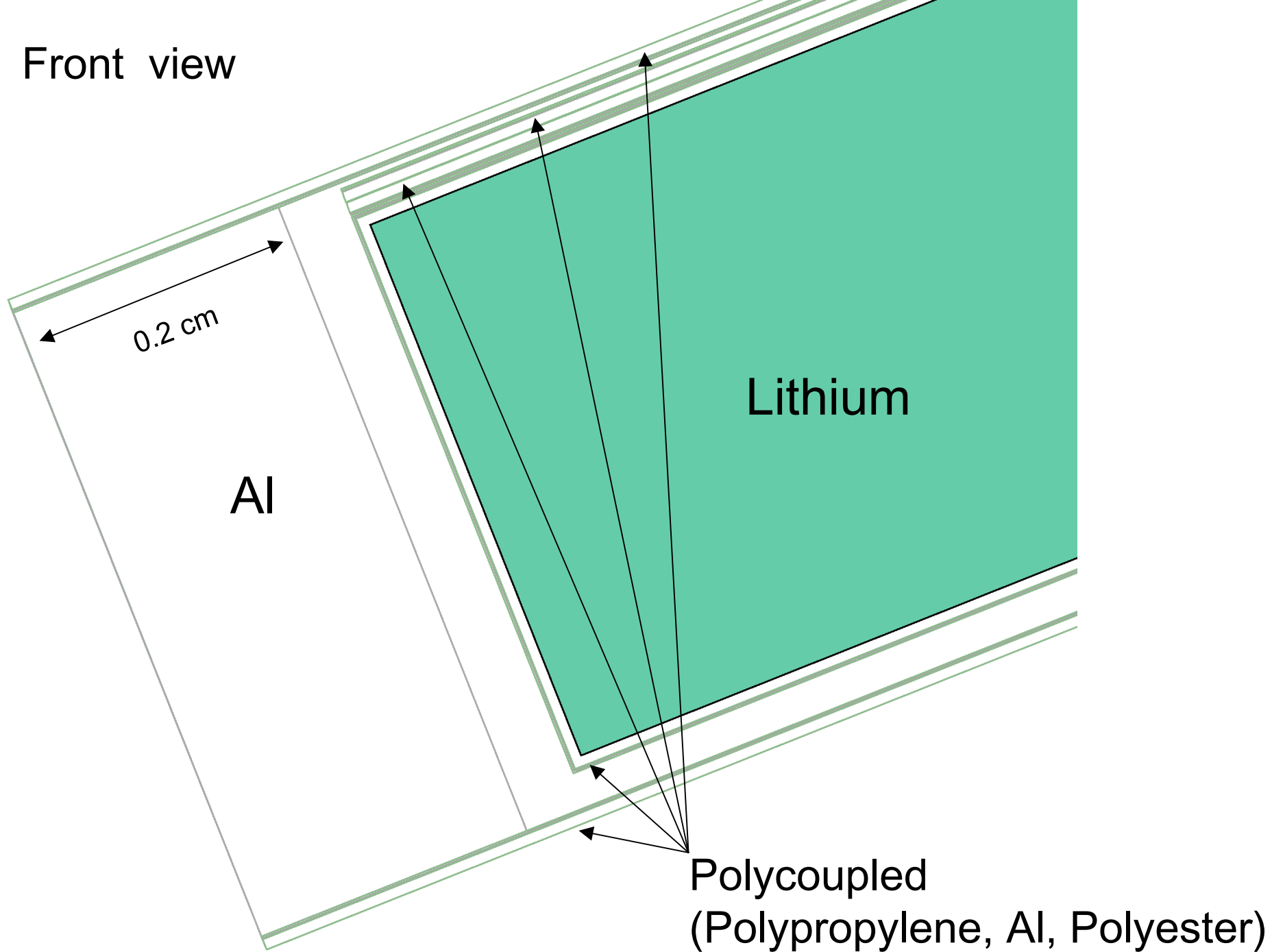
long π^- backtraced to the targets



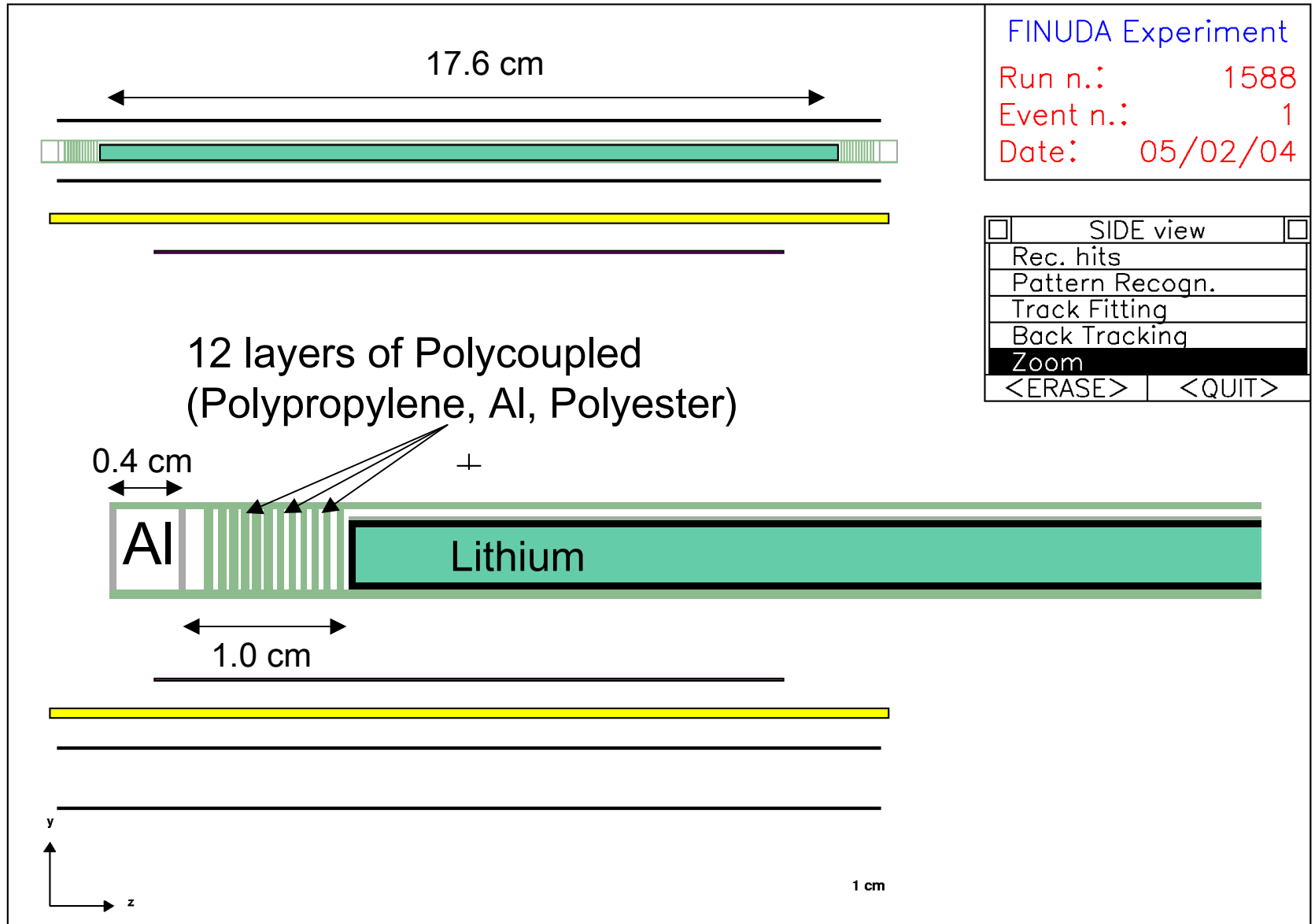
The accurate Lithium target description is introduced in both new and old geometry but it is still in **debugging stage**
Important to improve the KK reconstruction and the particle backtracing



Front view



Side view



Next jobs:

STRAW – VERTEX alignment:

Needed a list of “good” cosmic ray runs to analyze straw tubes (and vertex detector together) without magnetic field. At present, all “good” cosmic rays runs without magnetic field are just three.

Please, state clearly the run number and the method (Tbar or T0) to use in order to achieve the better results.

I/OSIM-LMD-STR alignment:

Needed a procedure to follow in order to achieve the final alignment, I suggest to use a global approach defining a χ^2 function to be minimized (using tracks of various types)