RIPTIDE

Gen-Z Learner's Dictionary

Skill issue: *idiom.* , *gerg.* – indica che un problema o un fallimento non è dovuto a fattori esterni o a sfortuna ma alla mancanza di abilità (skill) da parte dell'individuo coinvolto.

es.

- "Non abbiamo visto nessun segnale con l'MCP della PHOTEK."
- "Skill issue."

Courtesy of N. Pieretti

TO DO

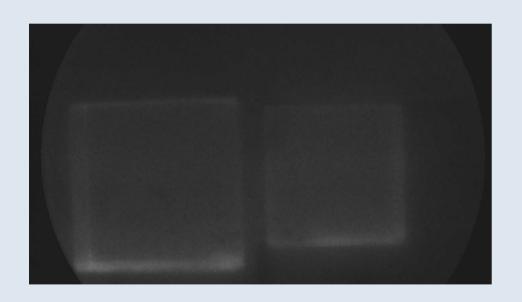
- \Box define a *fast* threshold for the camera
- (that can be used with the framegrabber)
- □ 3D reconstruction of muons tracks
- □ study of the noise of the camera noise

RIPTIDE

1) online threshold2) analysis on cathode quantum efficiency (proton VS muon signals)3) fun fact

1) online threshold

i.e. fast enough to be runned in framegrabber

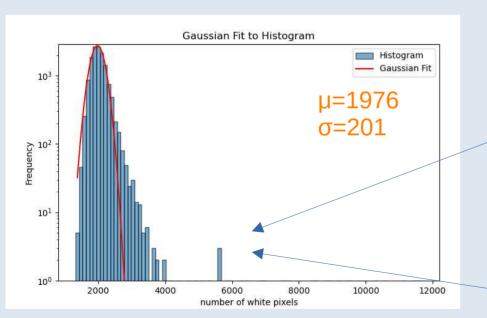


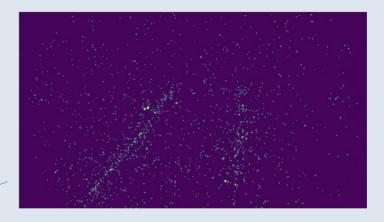


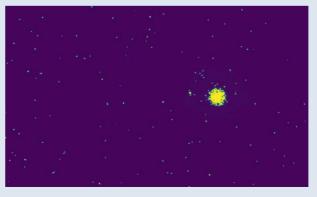
1) online threshold

i.e. fast enough to be runned in framegrabber

Count number of white pixels

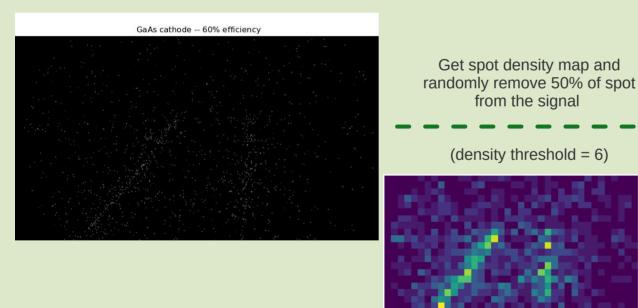






2) analysis on cathode quantum efficiency (proton VS muon signals)

Muons on CsI with HiCam



Effect of BiAlcali photocathode



NB: framerate is 64 fps. A framerato fo approx 2000 will be used, so the noise will be reduced of at least a factor 100

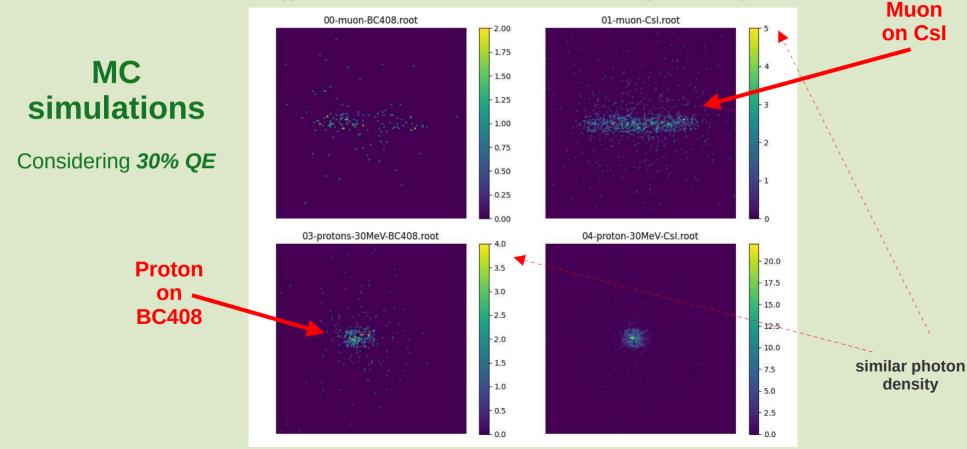
The Image Intensifier from PHOTEK *could* show the muons into CsI

2) analysis on cathode quantum efficiency (proton VS muon signals)

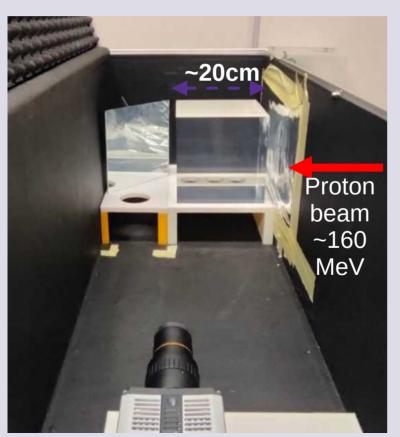


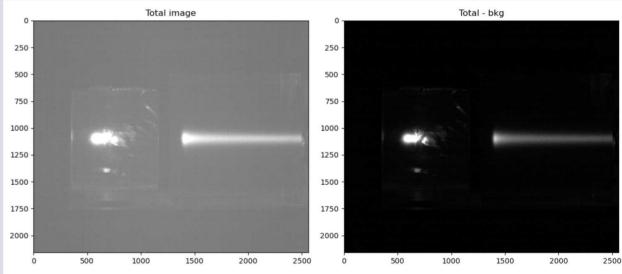
The Image Intensifier from PHOTEK could show the signal

2) analysis on cathode quantum efficiency (proton VS muon signals)



3) fun fact -- @ CNAO





THE END