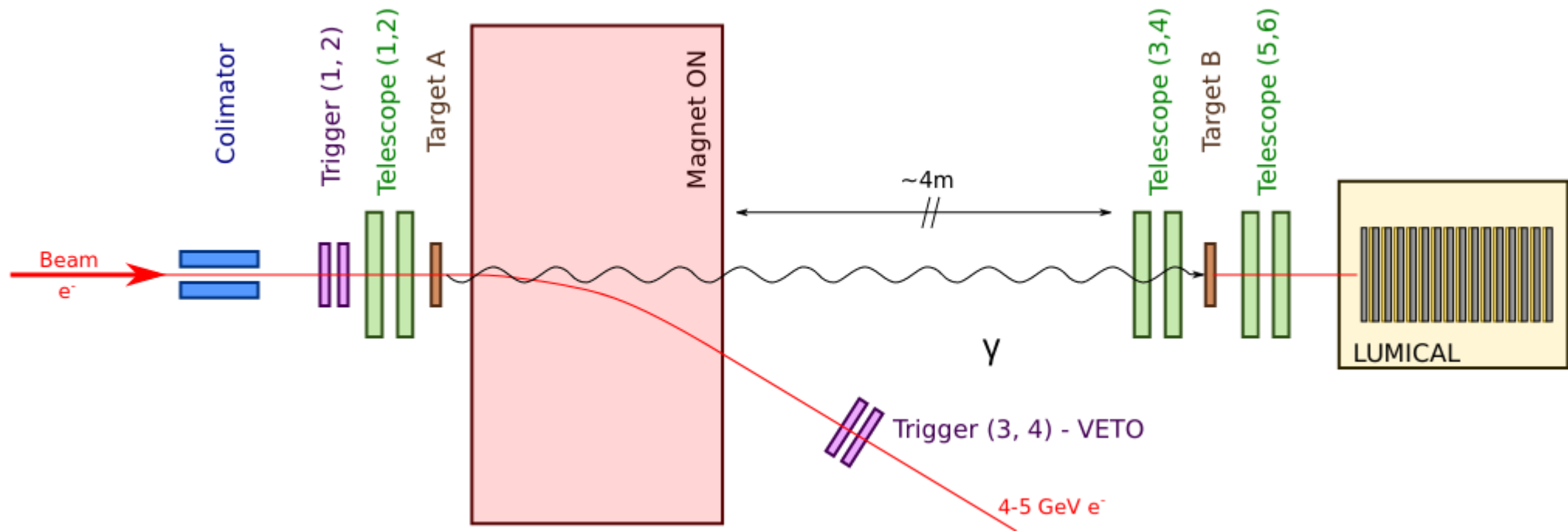
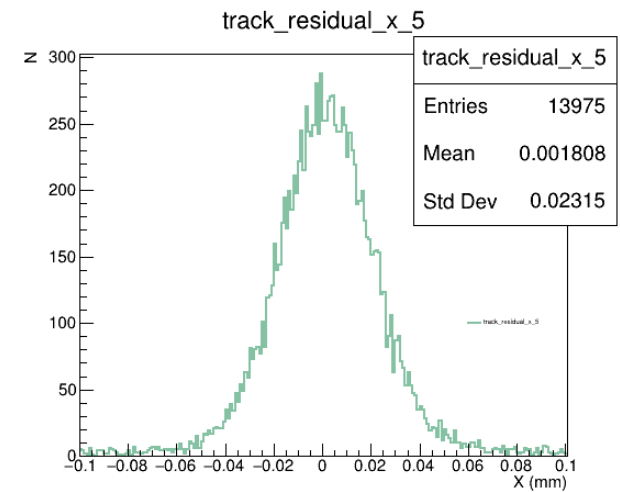
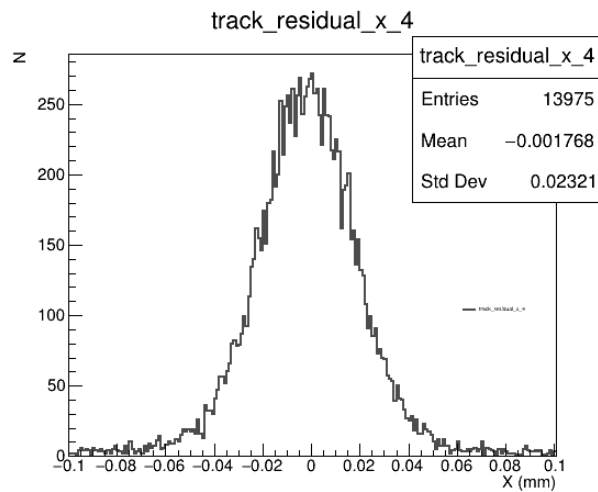
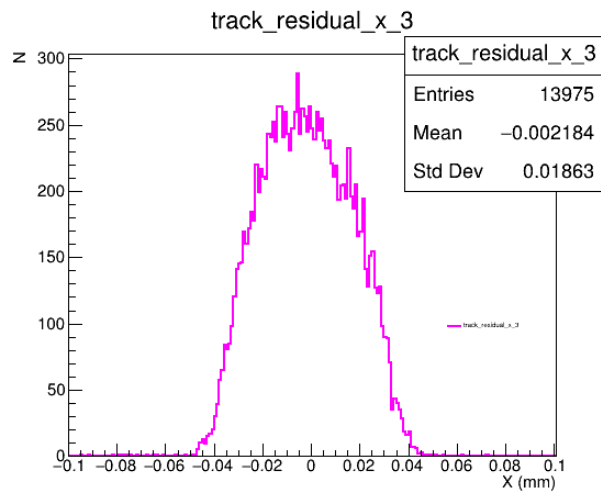
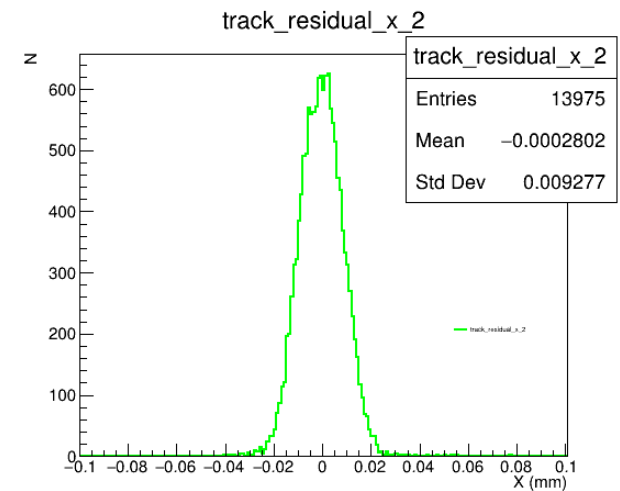
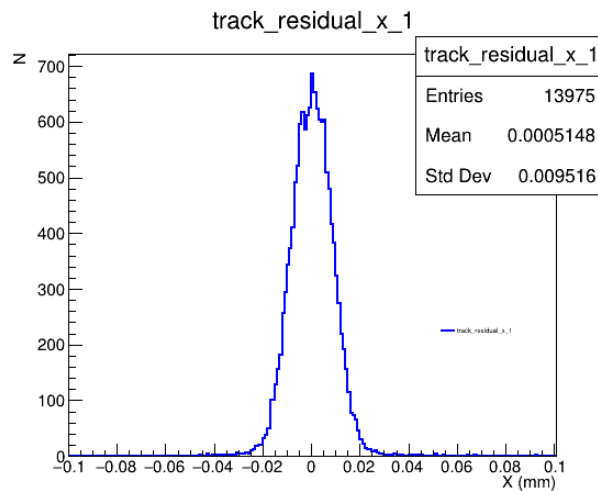
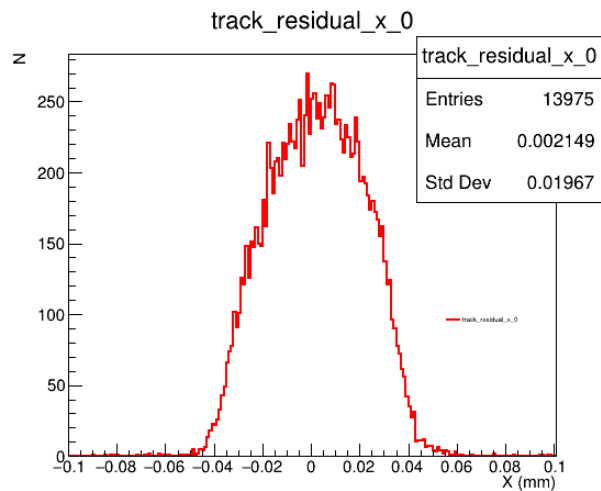


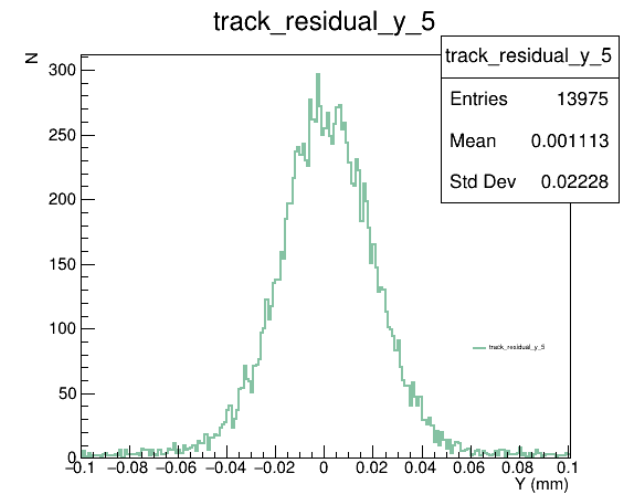
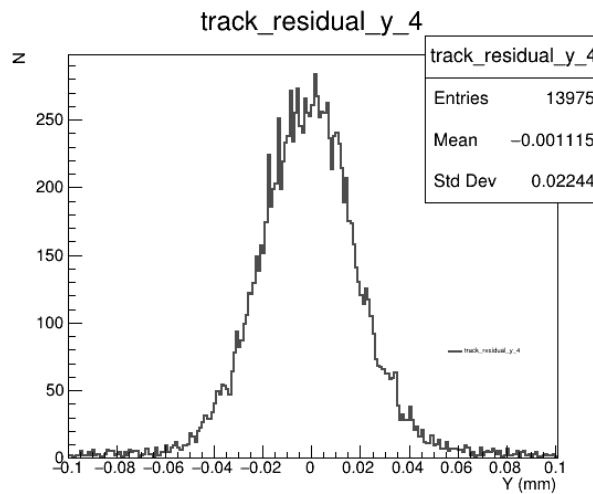
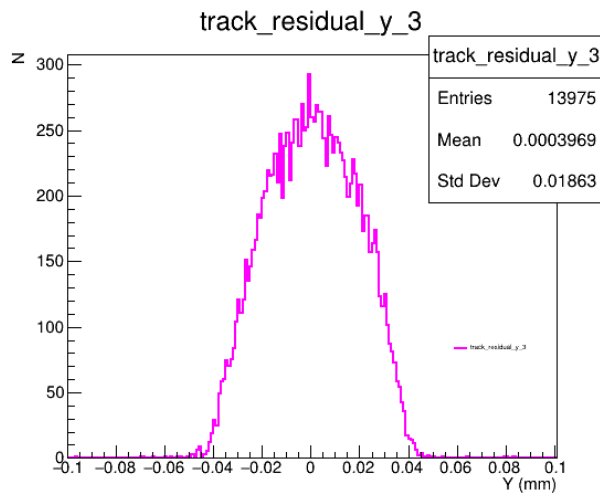
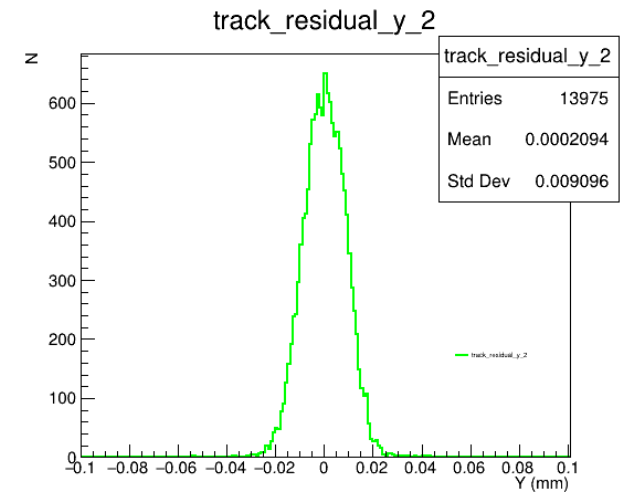
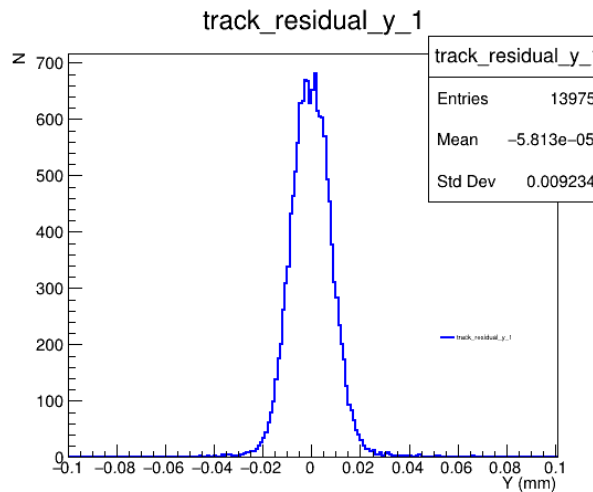
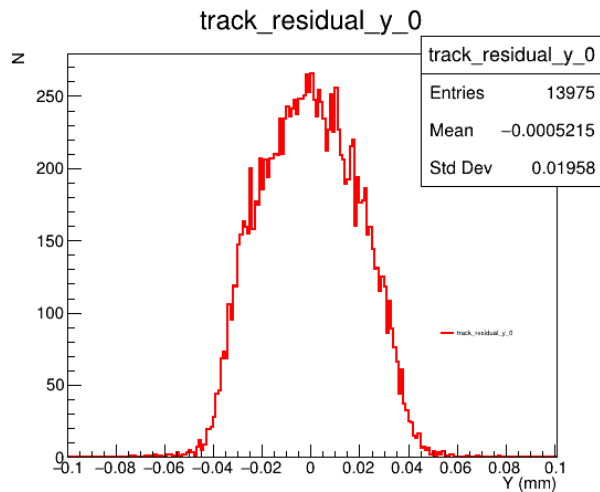
TB2020 Alpide Telescope Alignment



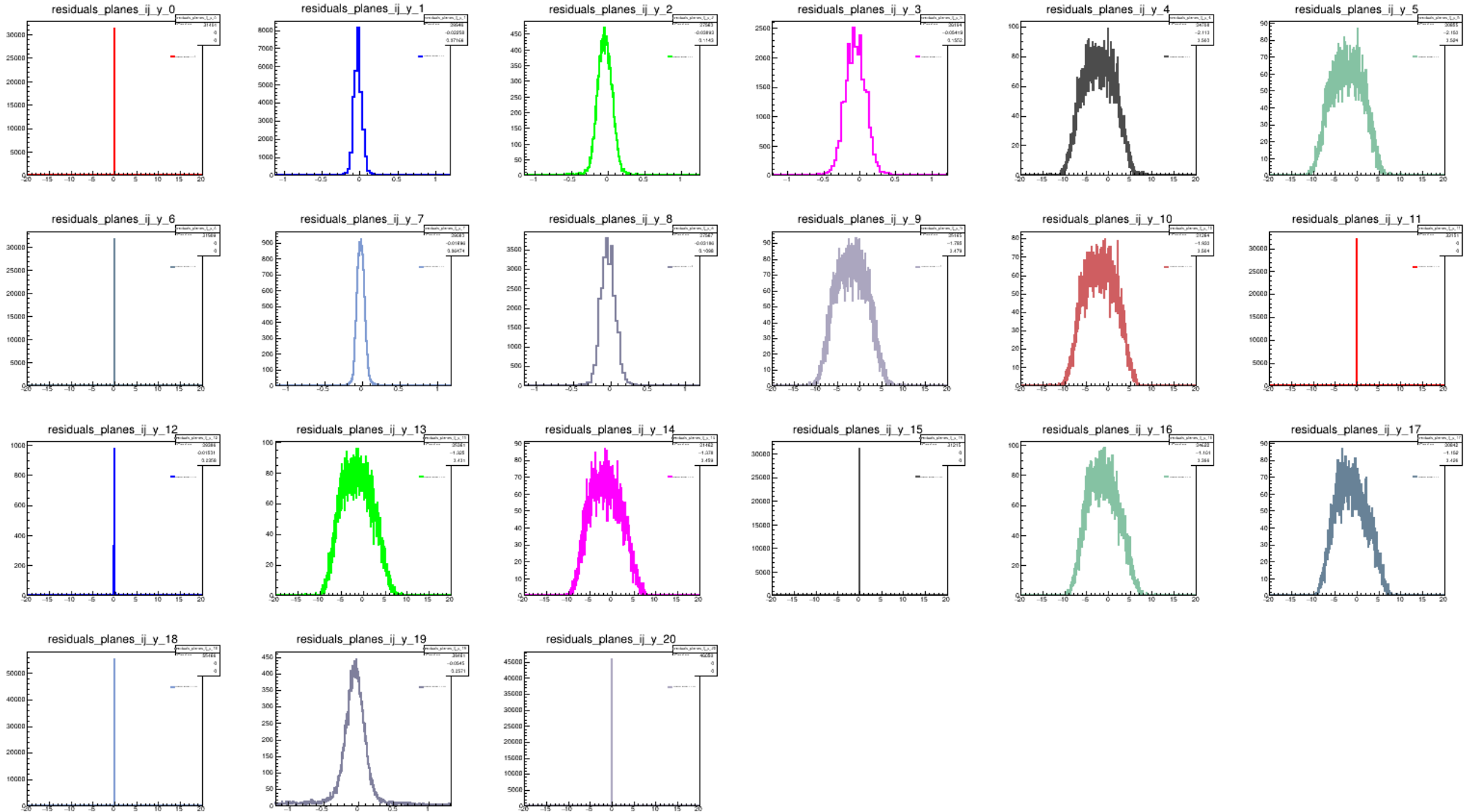
Residuals in planes 5-0



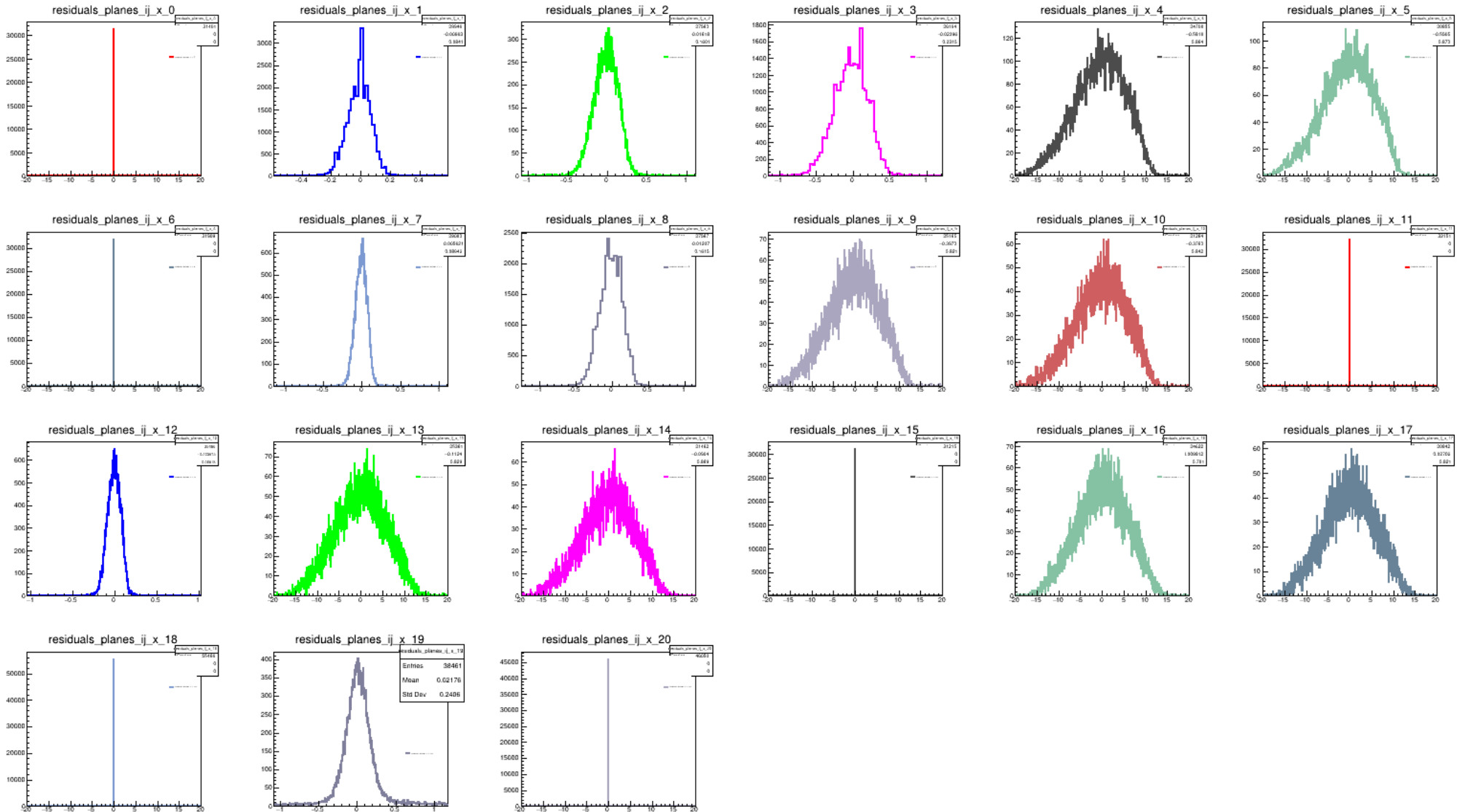
Residuals in planes 5-0



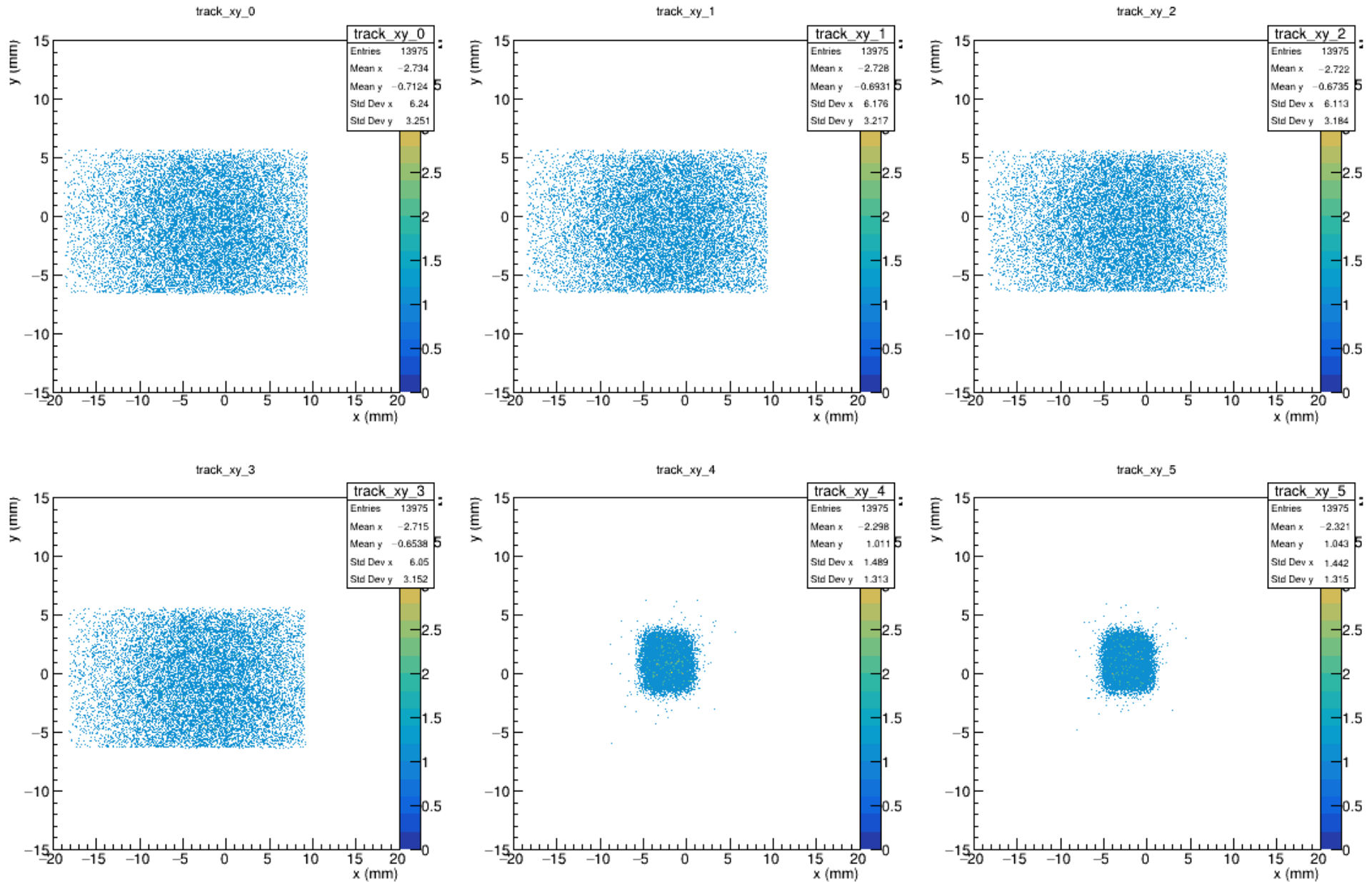
Correlation Y, planes 5-0



Correlation X, planes 5-0



Track hits in planes 5-0



Calorimeter APV 25 sampled signal

SRS Run 16

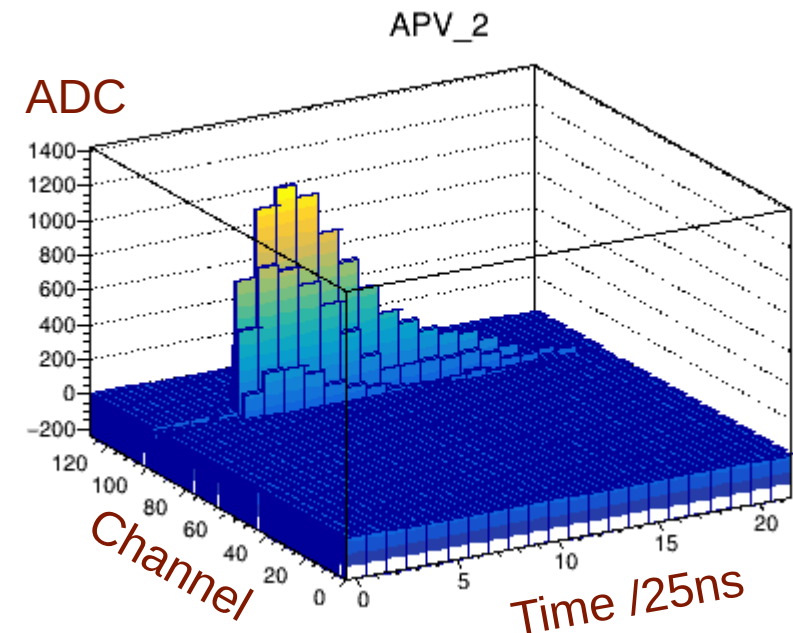
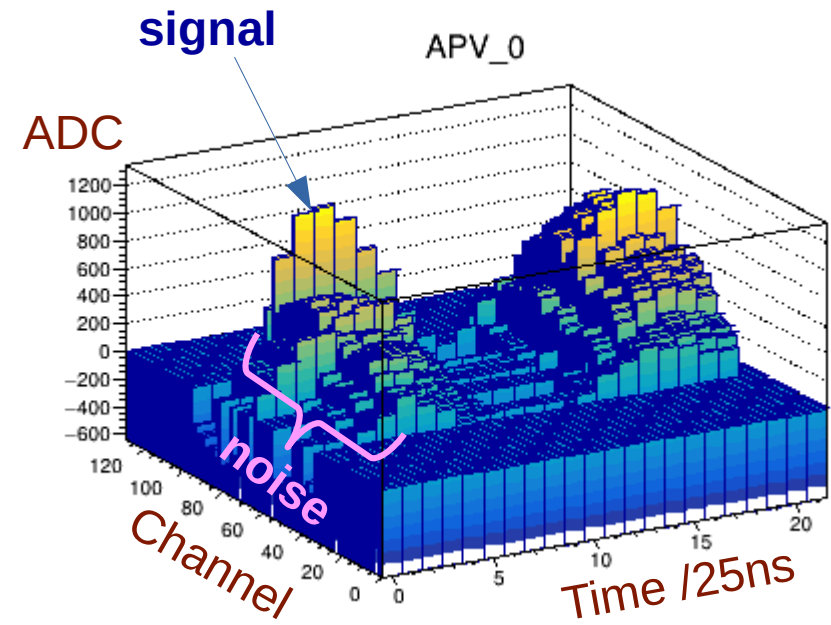
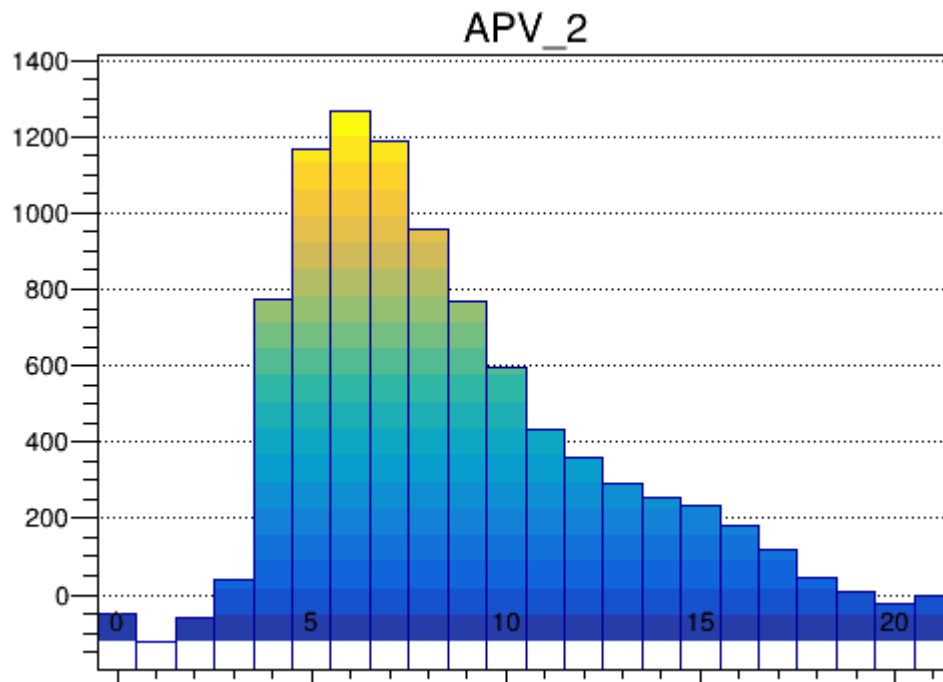
5 GeV,

Energy scan study, SRS + Telescope

Example plots:

APV 0,2 (Master)

Signal shape can be used to reject the noise



NN performance

tarining_sig_sim_land_180_noise_60_t0_4_15k.txt

For the threshold at 0.7

Correct predictions:

$n/n_{\text{data}}: 14816 / 15000 = 98.7733\%$

Correct signal:

$n/n_{\text{data}}: 7492 / 7558 = 99.1268\%$

Correct noise:

$n/n_{\text{data}}: 7324 / 7442 = 98.4144\%$

