

Pedestal

```
FCN=2393.97 FROM MIGRAD   STATUS=CONVERGED   160 CALLS   161 TOTAL
                        EDM=2.4691e-08   STRATEGY= 1   ERROR MATRIX ACCURATE
EXT PARAMETER
NO.  NAME      VALUE      ERROR      STEP      FIRST
1   Constant  2.08374e+04  1.77847e+02  2.58600e+00 -1.46345e-06
2   Mean     2.76499e+01  3.98165e-03  8.80335e-05  1.02032e-02
3   Sigma    7.08833e-01  4.80345e-03  1.66901e-06  -3.15504e+00
```

SEP

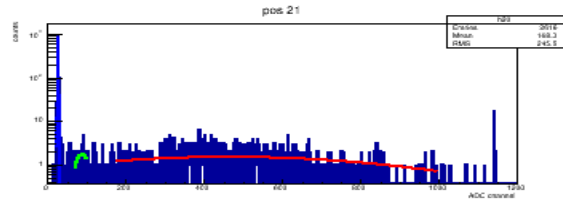
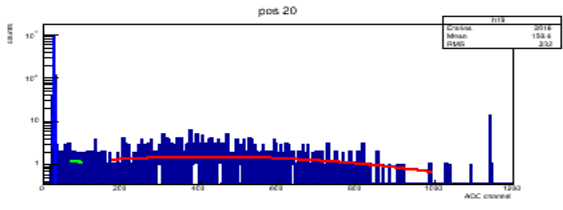
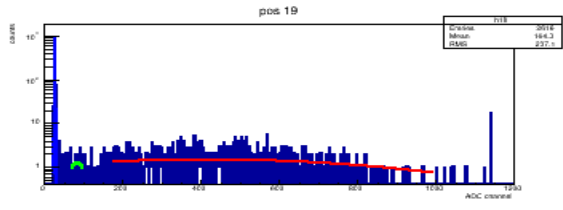
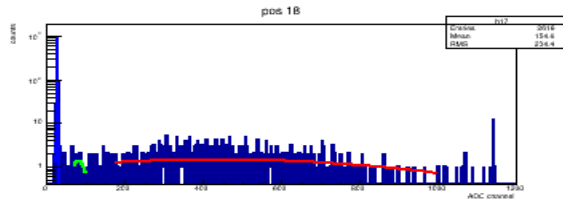
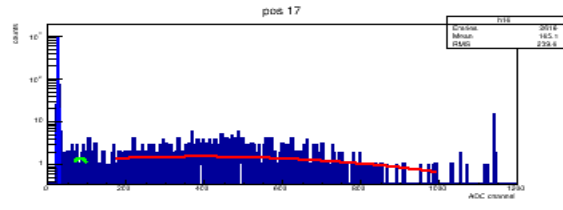
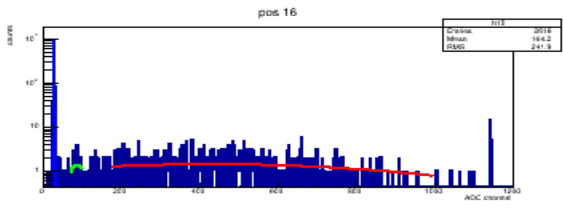
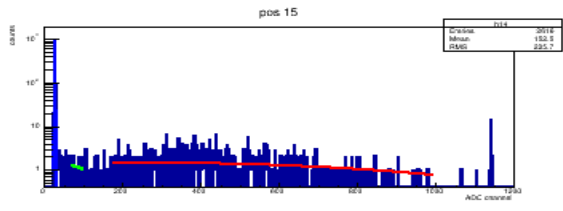
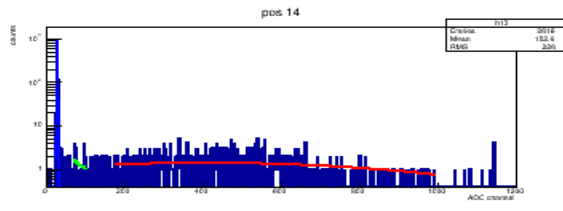
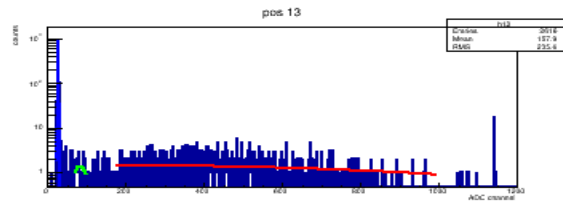
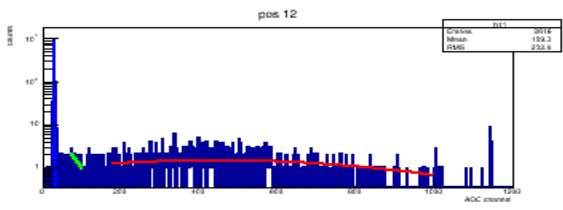
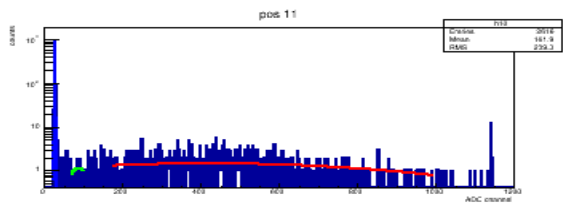
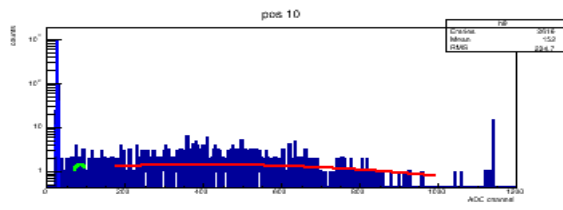
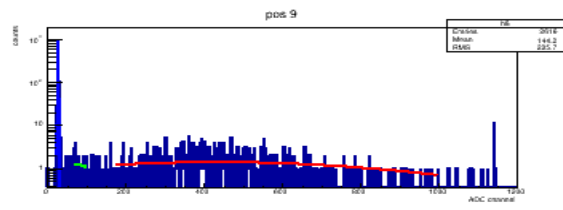
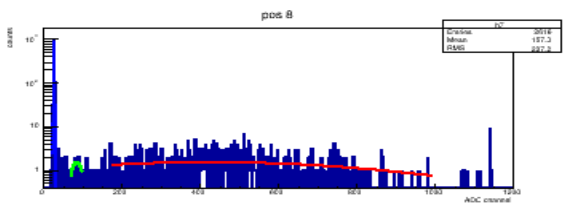
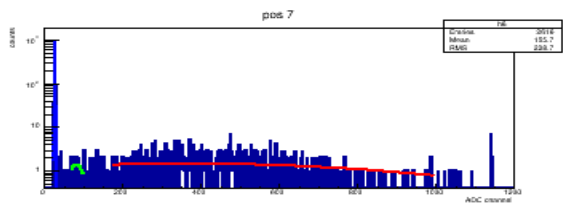
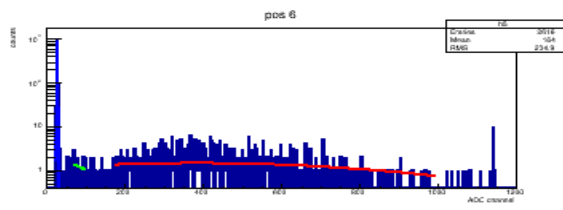
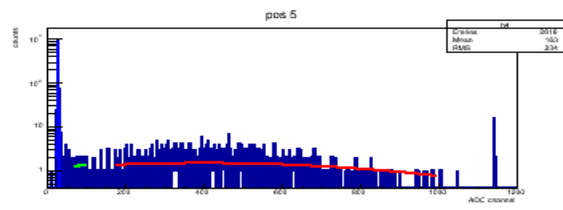
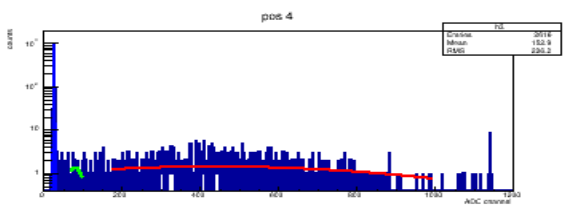
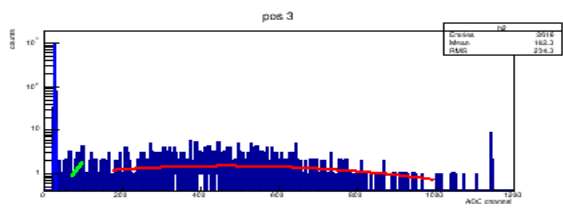
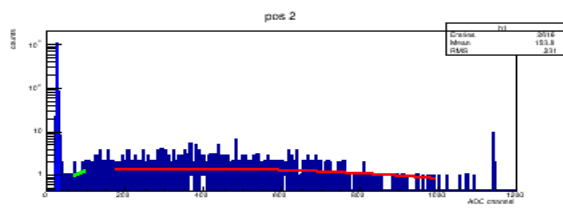
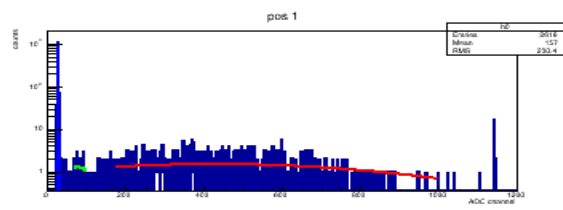
```
root [5] FCN=34.9044 FROM MIGRAD   STATUS=CONVERGED   112 CALLS   113
TOTAL
                        EDM=5.69039e-09   STRATEGY= 1   ERROR MATRIX ACCURATE
EXT PARAMETER
NO.  NAME      VALUE      ERROR      STEP      FIRST
1   Constant  1.76184e+01  9.12083e-01  1.84794e-03 -1.01767e-04
2   Mean     8.15963e+01  2.53708e+00  7.19536e-03 -1.73091e-05
3   Sigma    3.05538e+01  5.84677e+00  2.05656e-04  8.40257e-06
```

Light Yield of 14.04 pe/MEV

Compared to 19.12 pe/Mev

Signal

```
root [6] FCN=379.528 FROM MIGRAD   STATUS=CONVERGED   98 CALLS   99
TOTAL
                        EDM=2.17371e-09   STRATEGY= 1   ERROR MATRIX ACCURATE
EXT PARAMETER
NO.  NAME      VALUE      ERROR      STEP      FIRST
1   Constant  3.36186e+01  4.53389e-01  3.02314e-03  8.29503e-05
2   Mean     4.14603e+02  3.36028e+00  3.02505e-02 -1.68427e-05
3   Sigma    1.90015e+02  5.92777e+00  9.32494e-05  -5.26757e-04
```



Light Yield vs Position graphs of previous results and current

