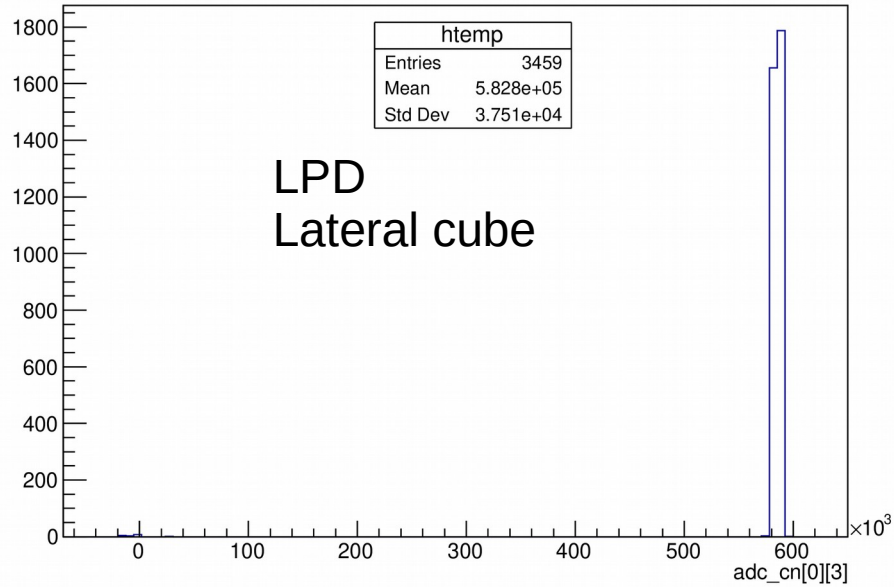


## Summary online analysis Careggi test 2020/09/24

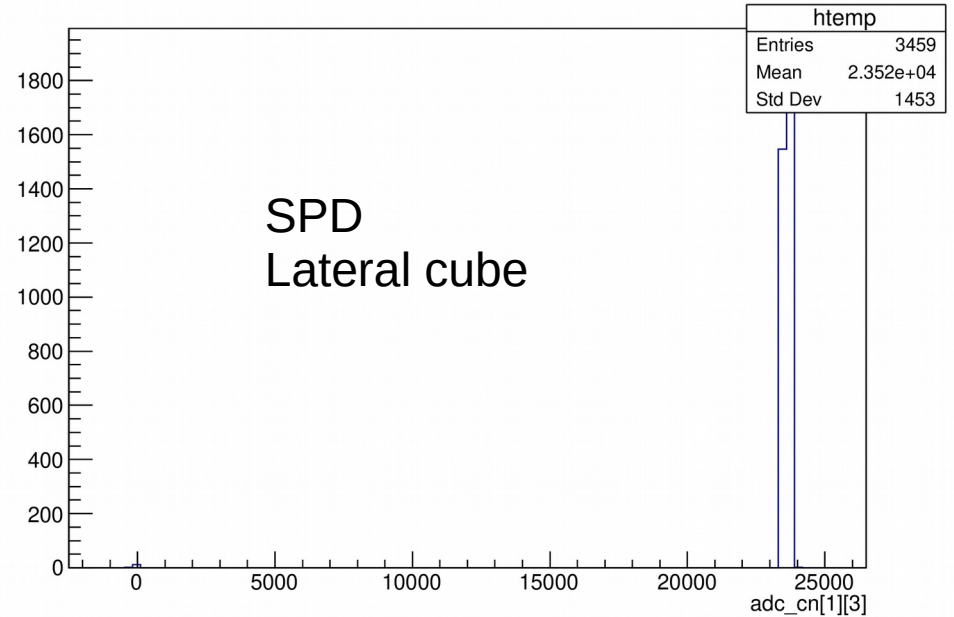
Lorenzo for the Firenze INFN lab. group: Eugenio, Seba, Sasha, Raffaello, Oscar...

# High rate ~3ms corresponding to 400 cgy/min, no lead

adc\_cn[0][3] {trigger==0x20 && casisTime > 100 && casisTime < 500}



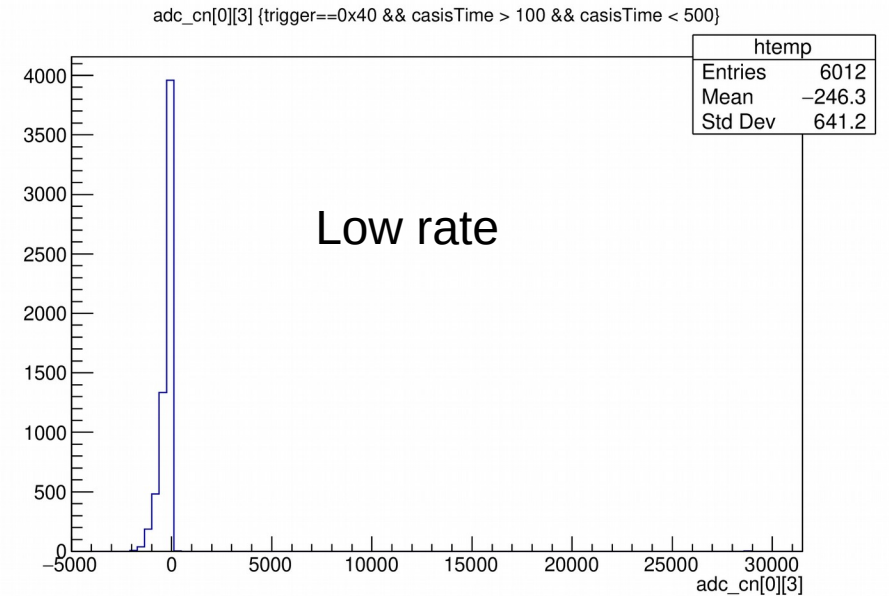
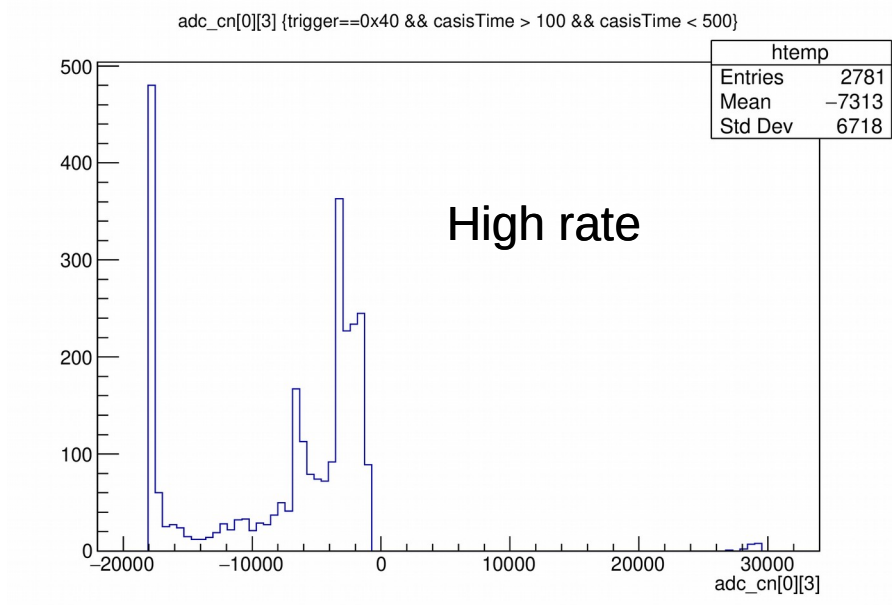
adc\_cn[1][3] {trigger==0x20 && casisTime > 100 && casisTime < 500}



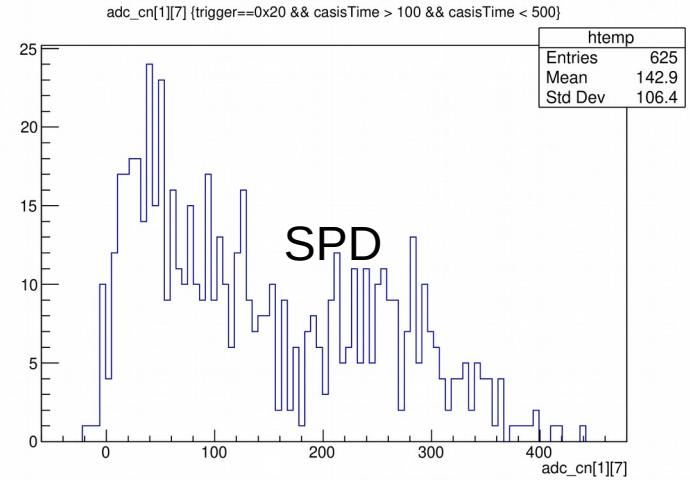
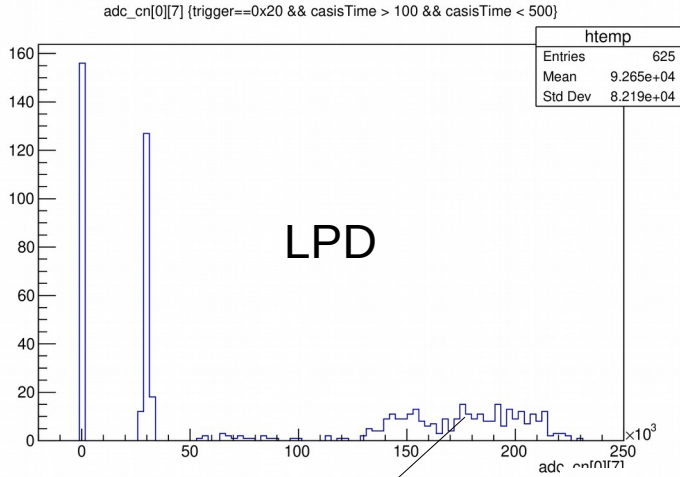
Central cube: saturated and pedestal shifted

# Low rate 30 cgy/min, no lead

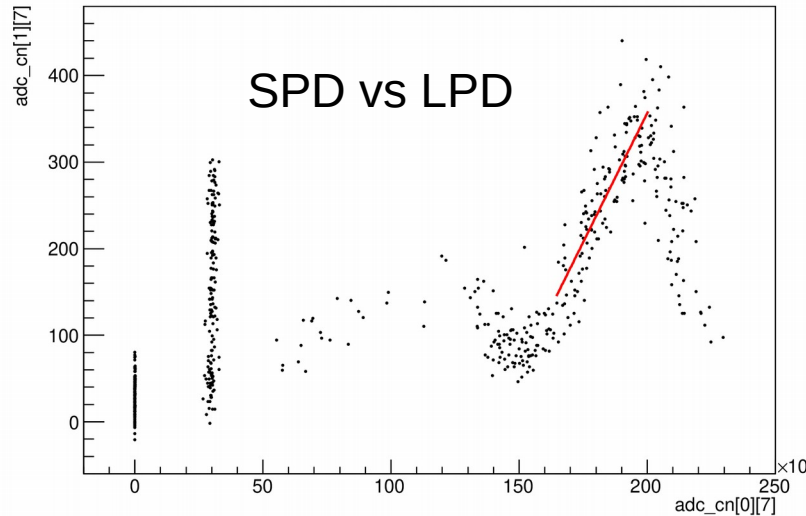
Same results eve if the pedestal is more stable, a small shift is present.



# Low rate 30 cgy/min, all lead in column (~40 cm?)



adc\_cn[1][7]:adc\_cn[0][7] {trigger==0x20 && casisTime > 100 && casisTime < 500}

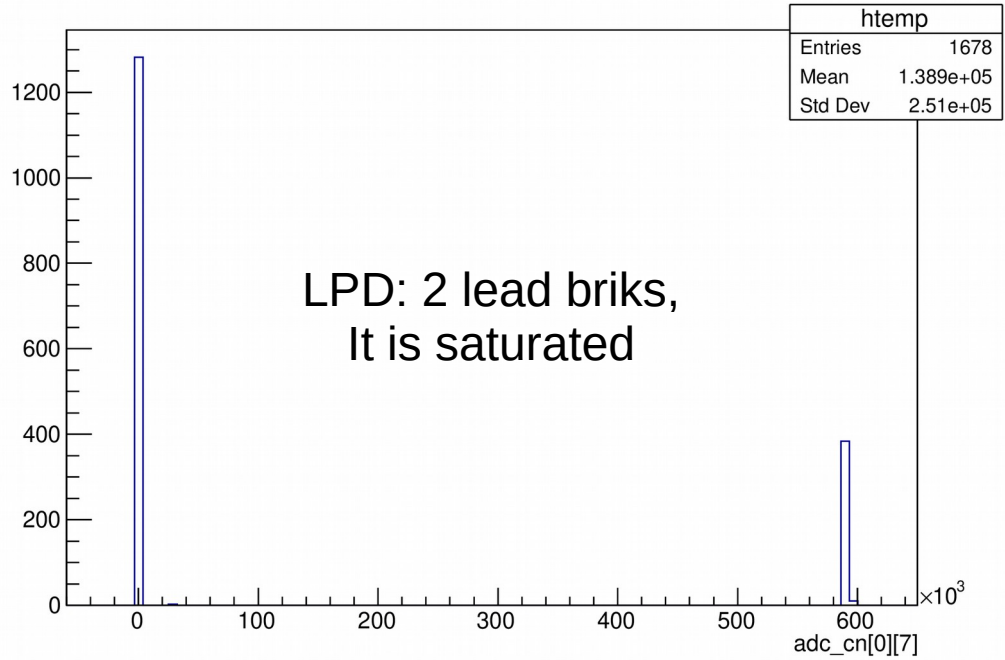


Should correspond to  
SPD ~ 2500

P1: 0.00596295  
Expected  $1/70 = 0.014$

# Low rate 30 cgy/min, 2 lead briks and no lead but layer out of beam

adc\_cn[0][7] {trigger==0x20 && casisTime > 100 && casisTime < 500}



adc\_cn[1][7]:adc\_cn[0][7] {trigger==0x20 && casisTime > 100 && casisTime < 500}

