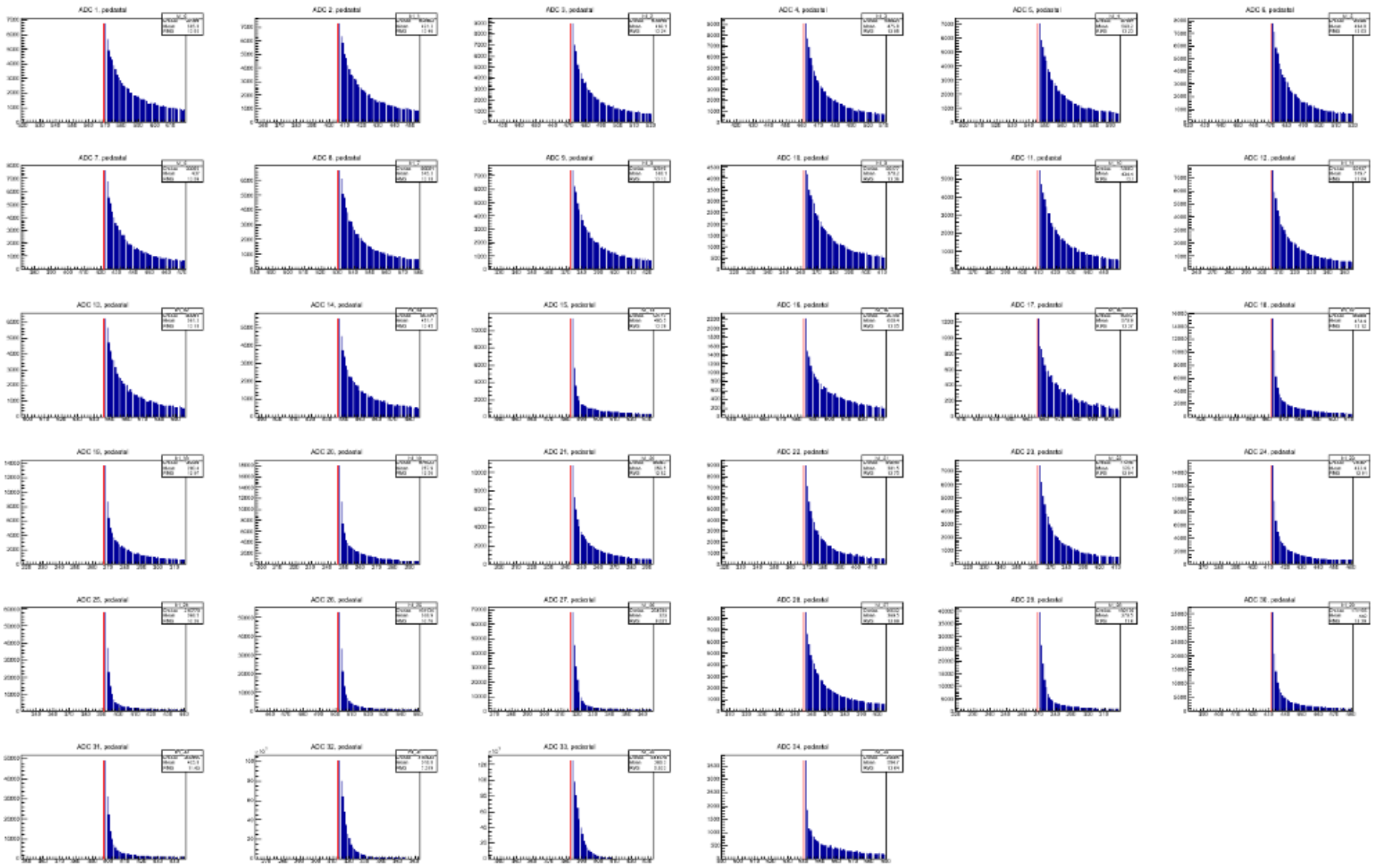
LHRS pion rejector 2

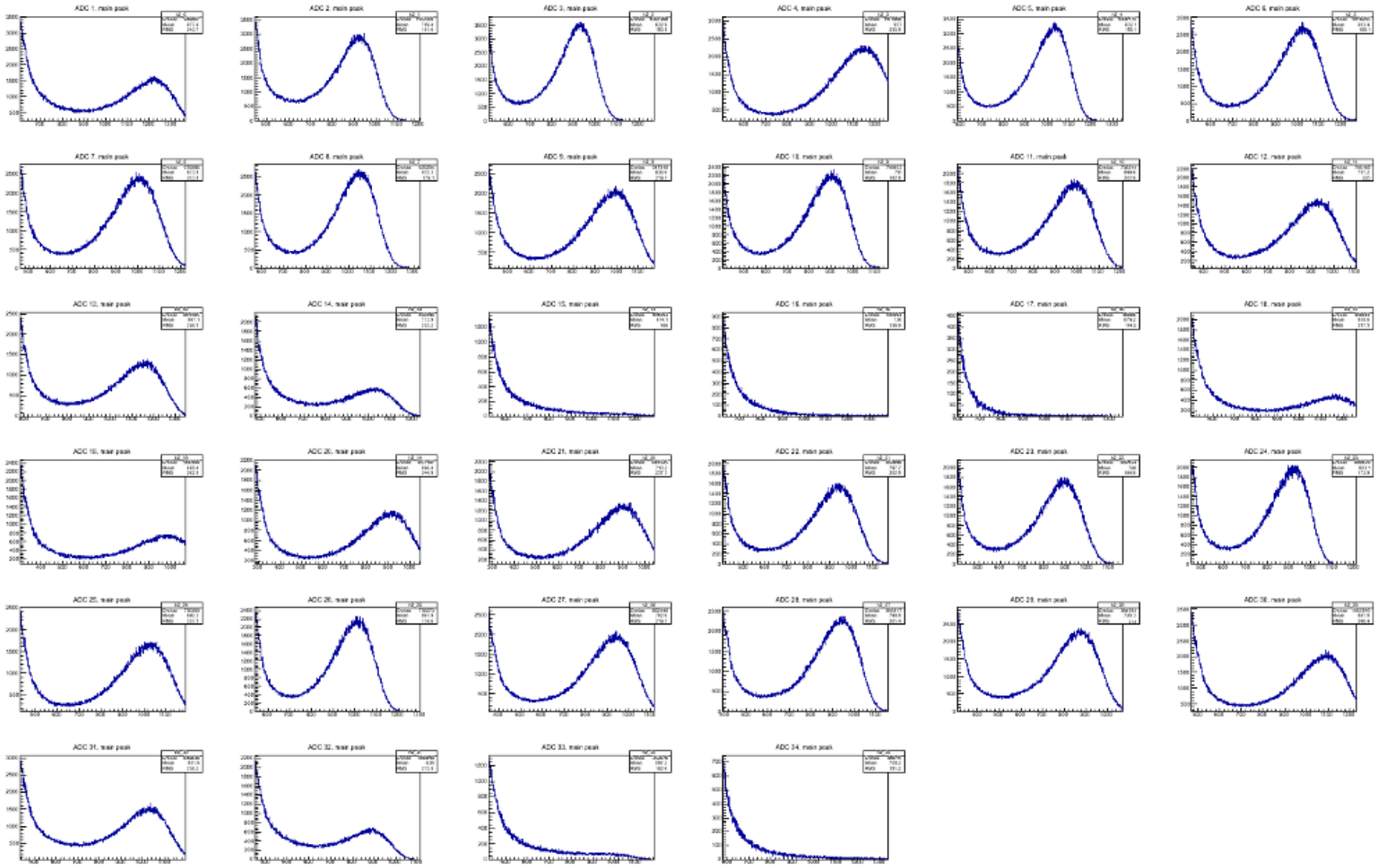
Steps:

a. Check pedestal
b. Align electron main peak
c. Get good energy resolution

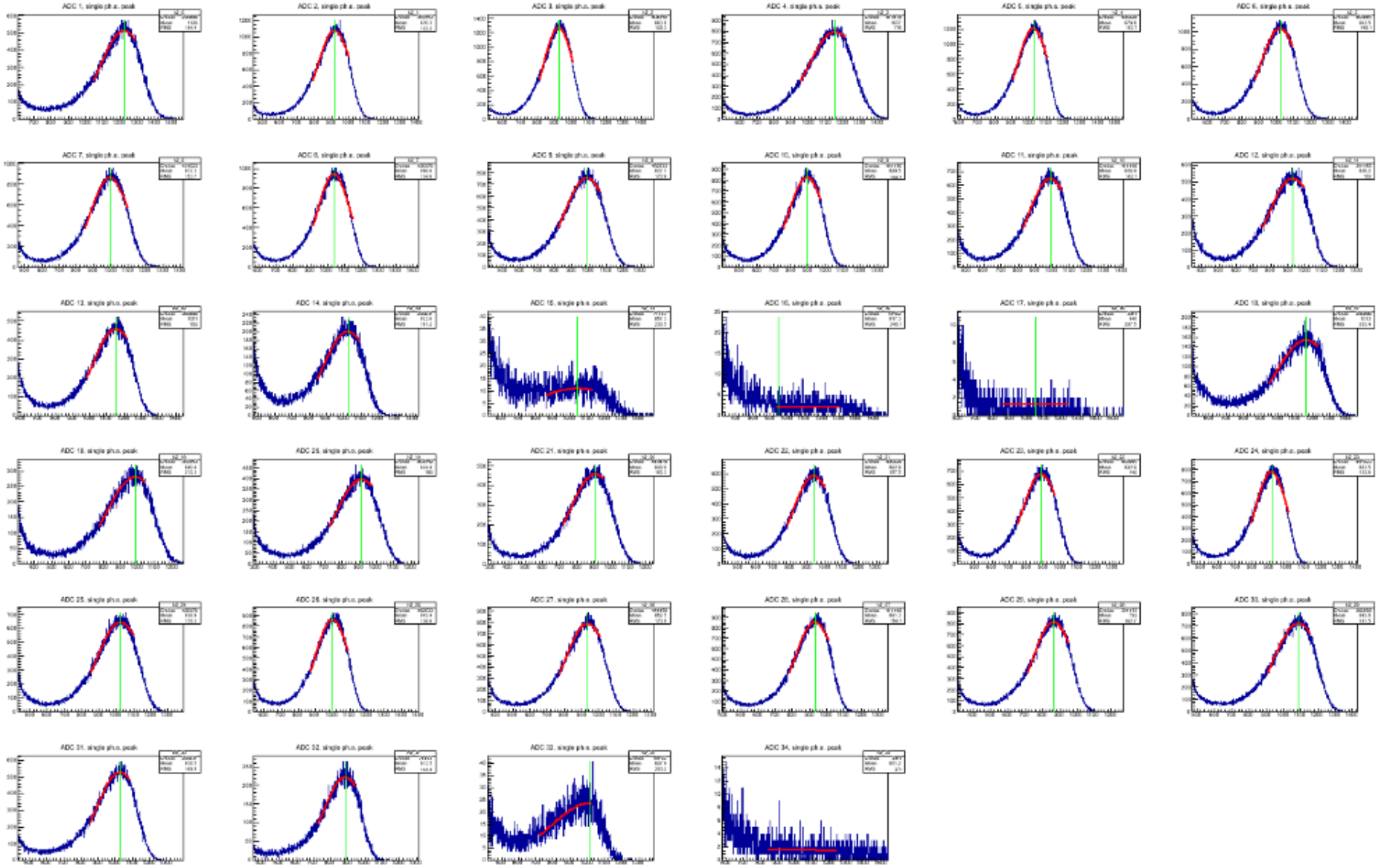
Prl1 pedestal



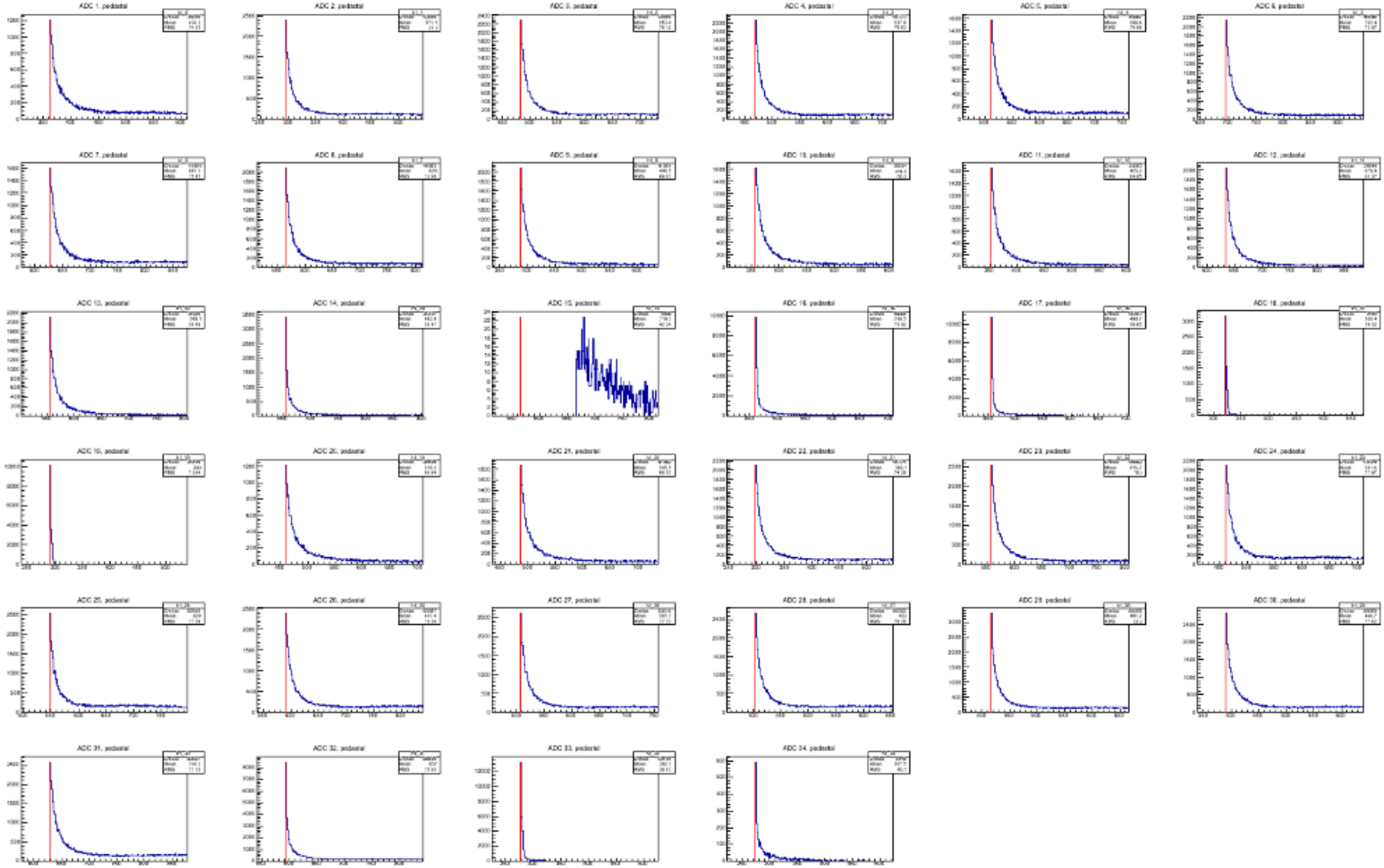
Prl1 adc signal



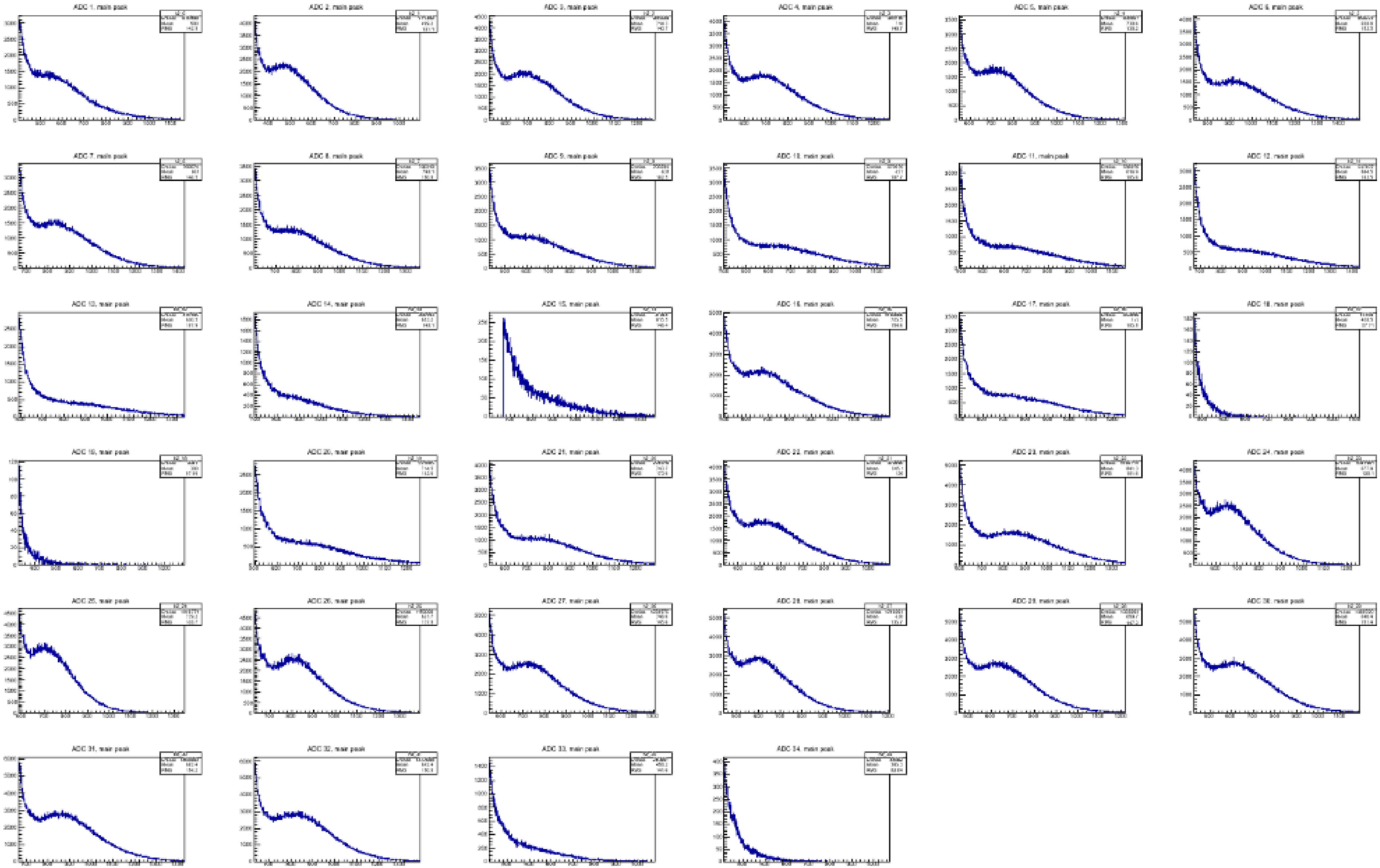
Prl1 main peak to channel align to 1000



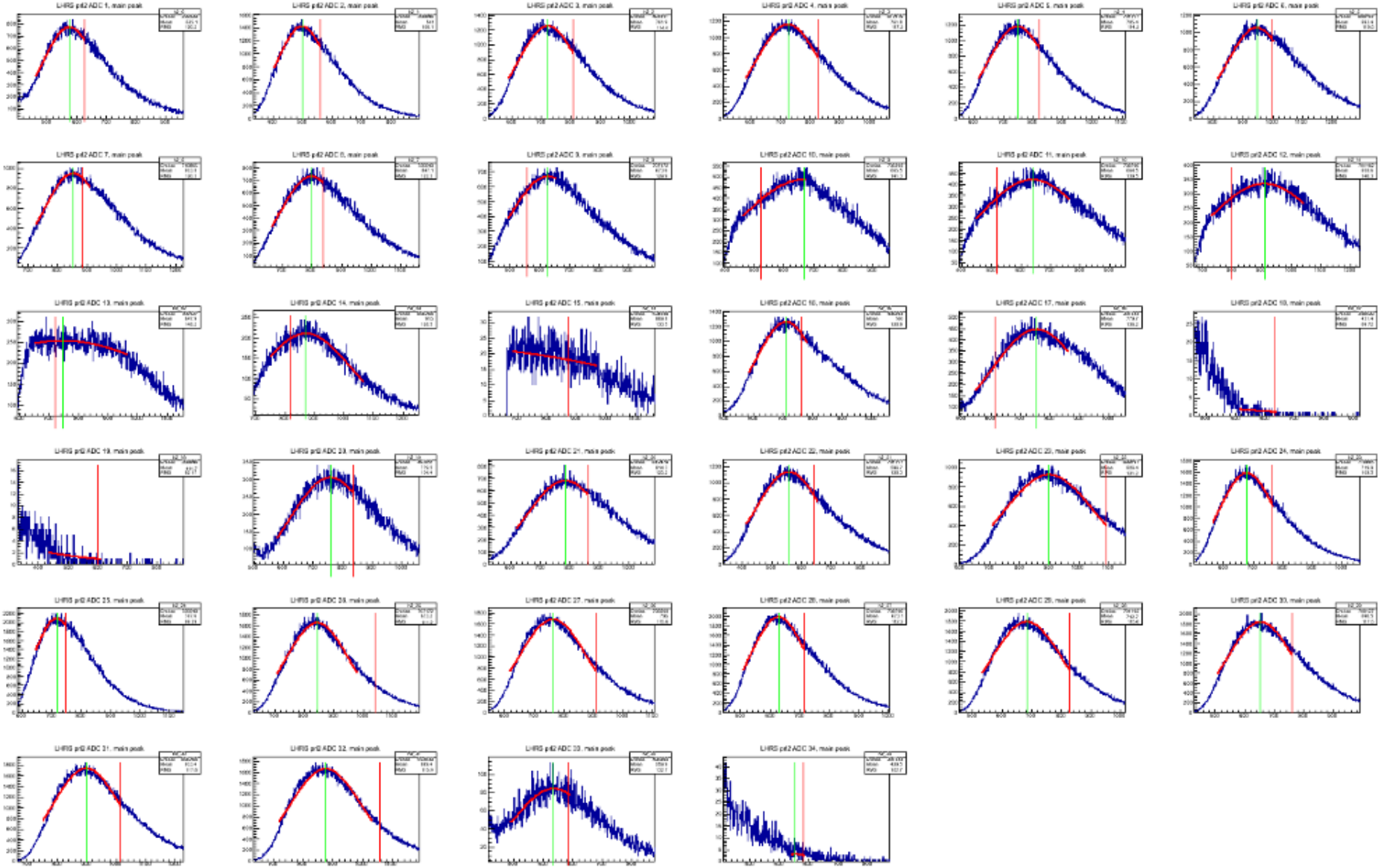
Prl2 pedestal



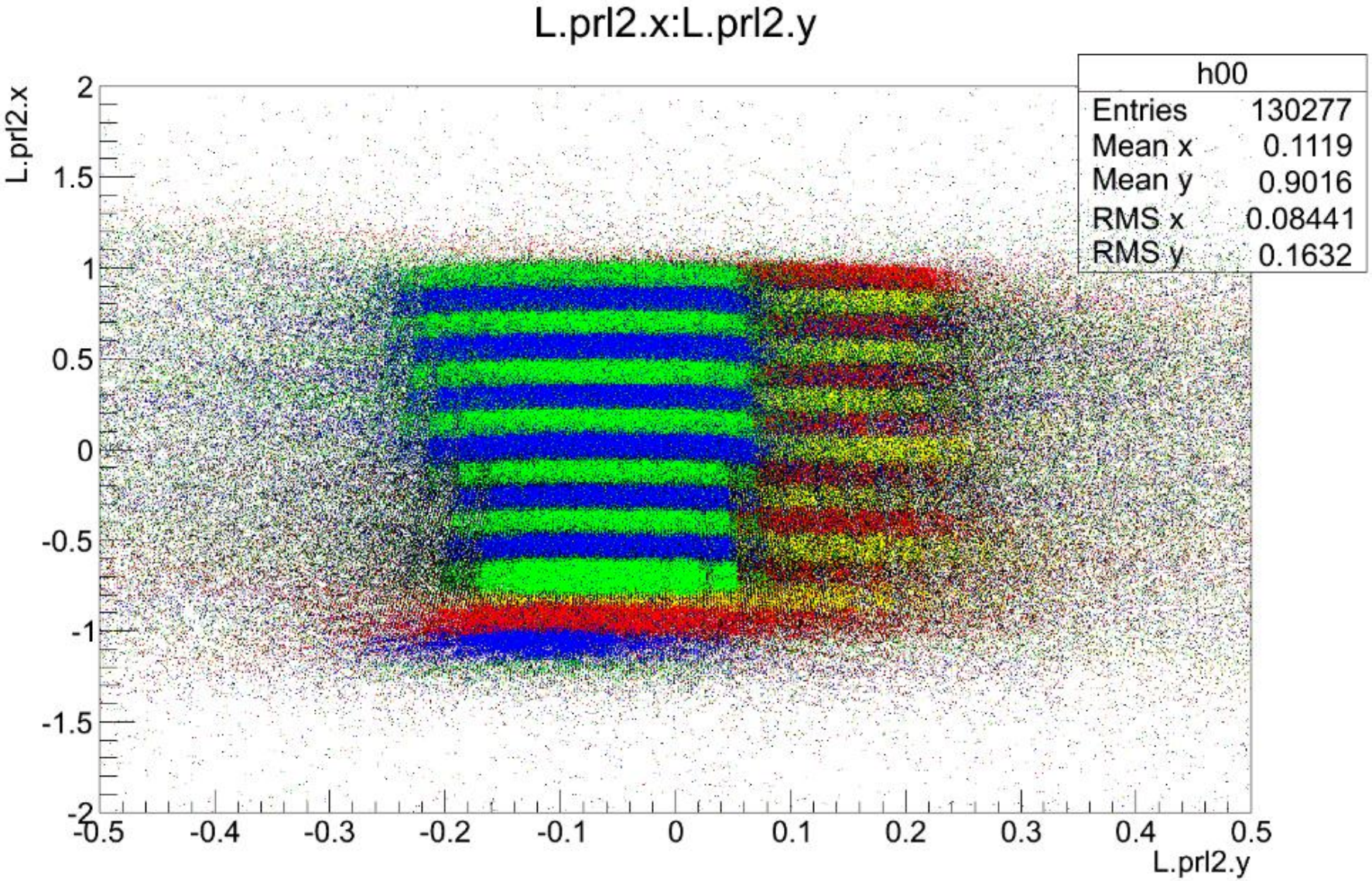
Prl2 adc signal



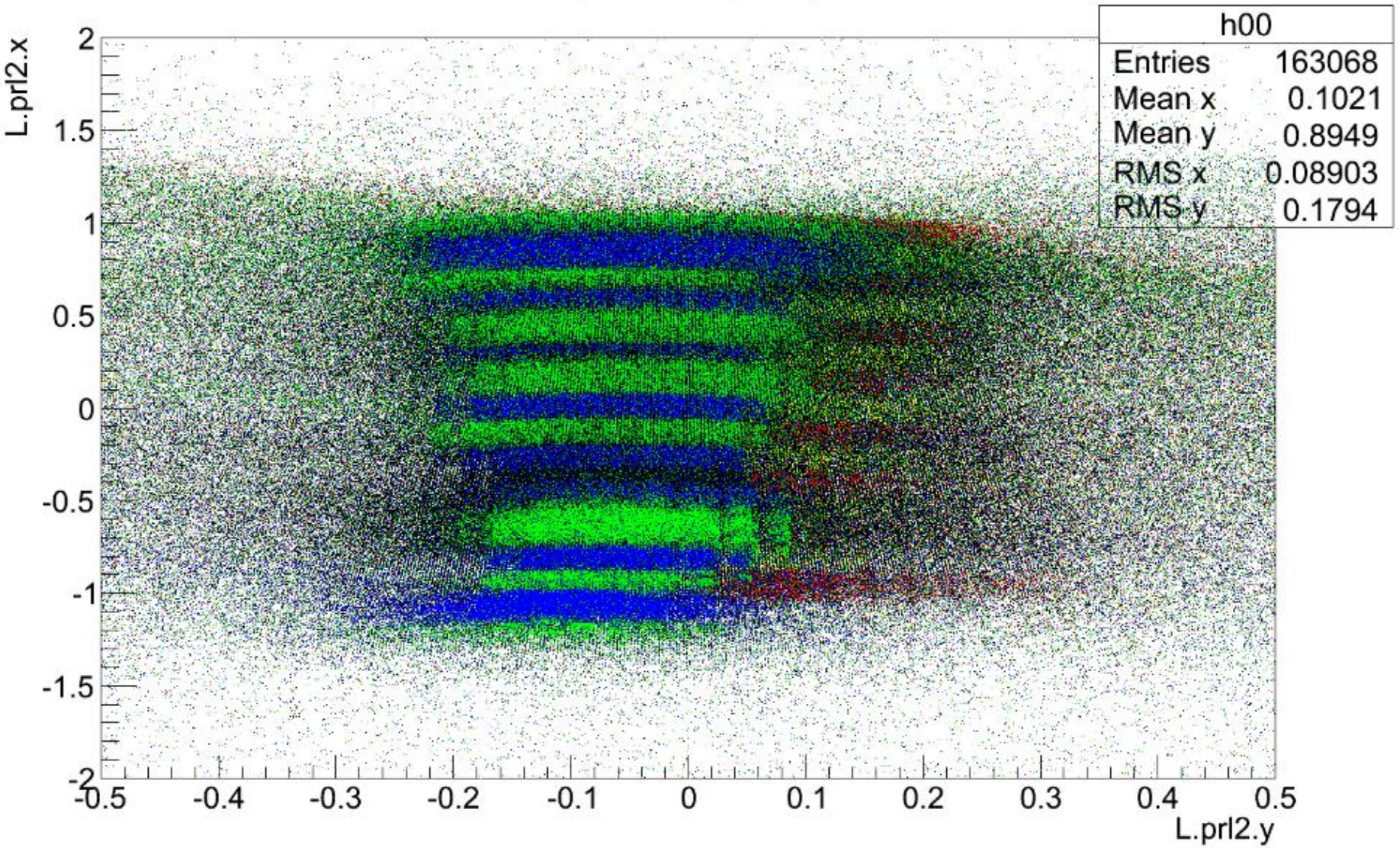
Prl2 main peak to channel align to 500



Mismatch of prl2 (here p =1.4684GeV)



Match of prl2 (Here p = 0.9689 GeV, update database)



- Next step:
- Check the peak location and pedestal after the database updated
- Since prl1 and prl2 channels are aligned within each calorimeter. Use the a*L.prl1.e+b*L.prl2.e to get better energy resolution