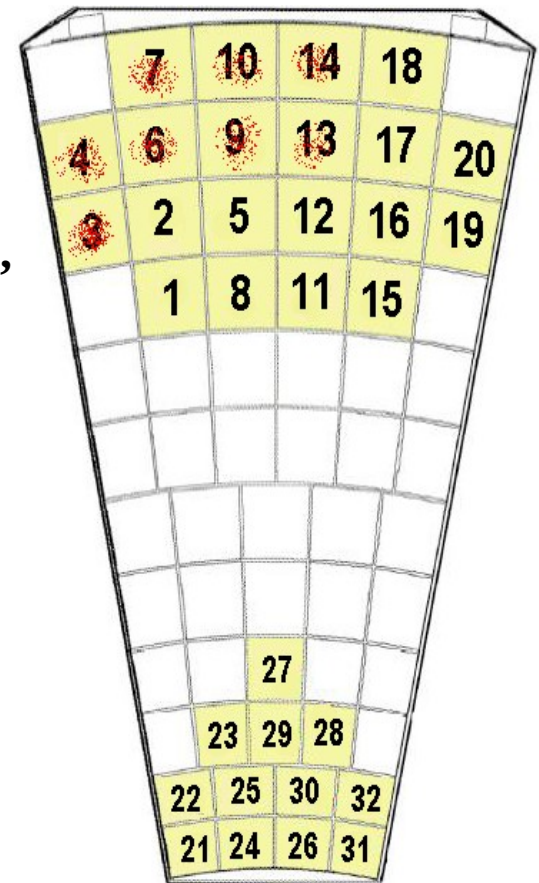


Synchronous/Asynchronous mode test beam data analysis

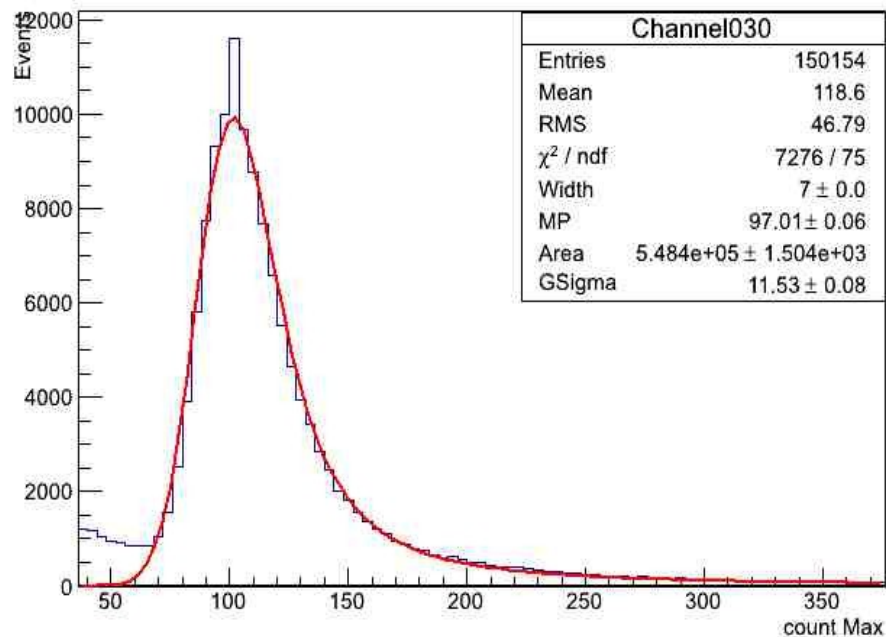
Veta Ghenescu, Titi Preda

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ghenescu@spacescience.ro*

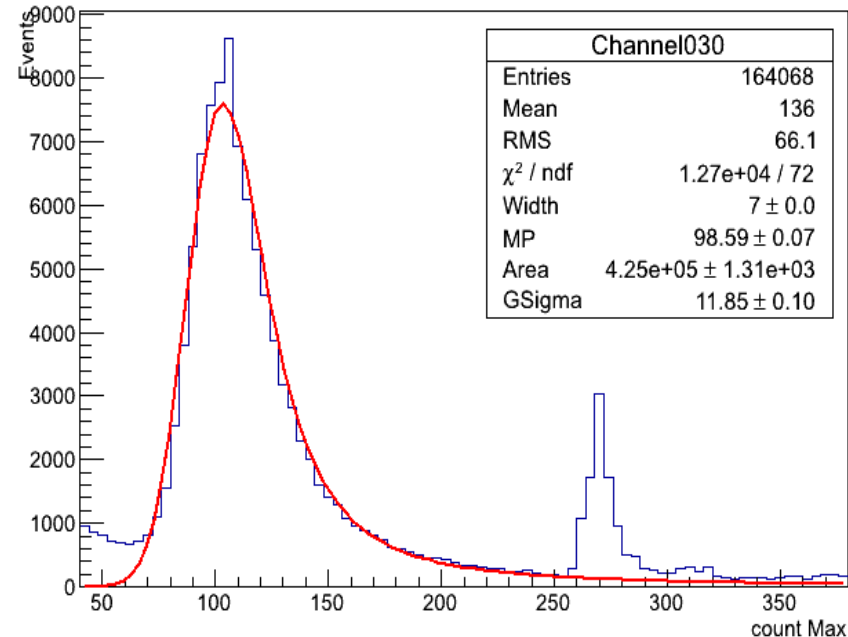
Studied the test beam data for pads: 3, 4, 6, 7, 9, 10, 13, 14 in asynchronous and synchronous modes



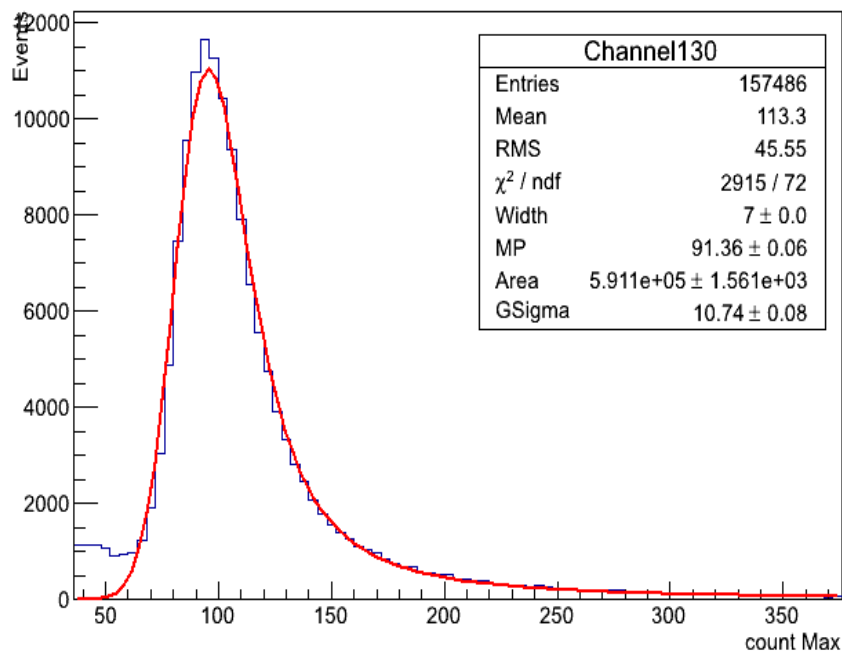
MaxAmplitude ch03_asyn_mode_runs_567_568_569_570



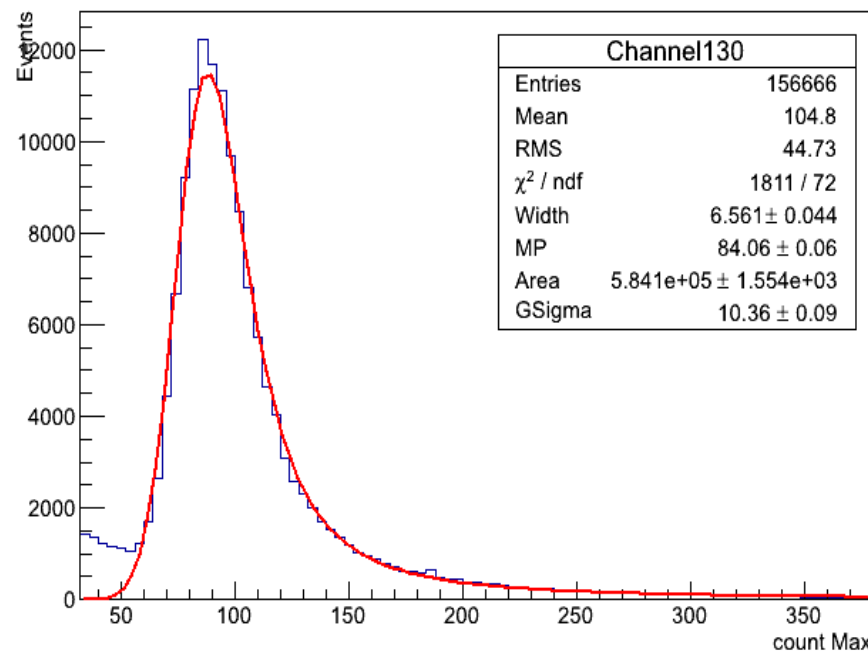
MaxAmplitude ch3_syn_mode_4runs

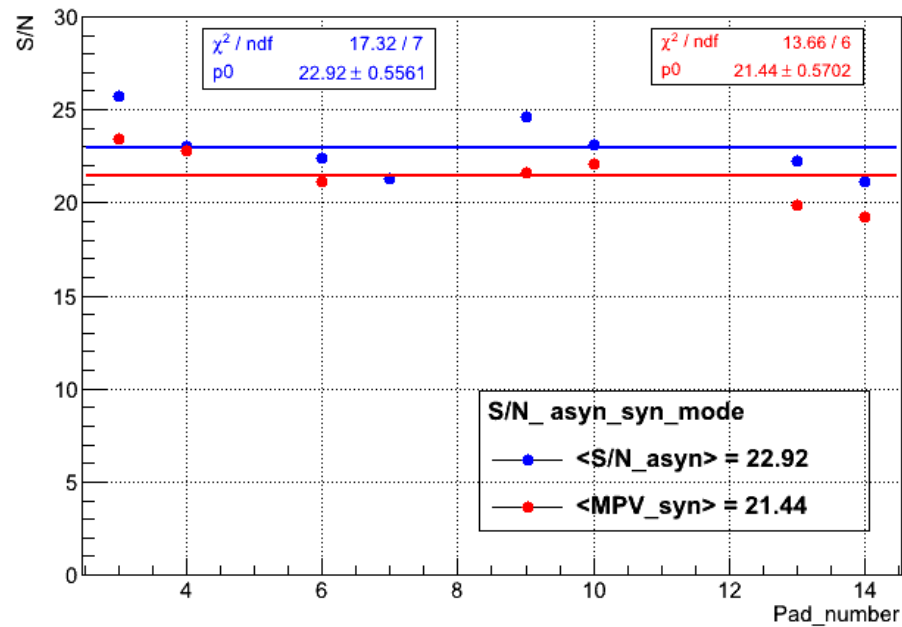
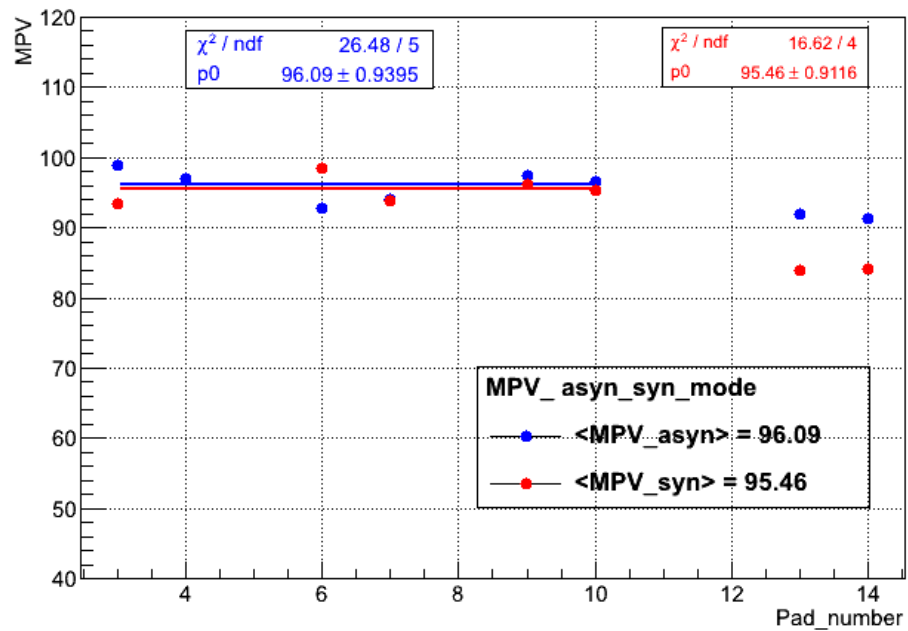
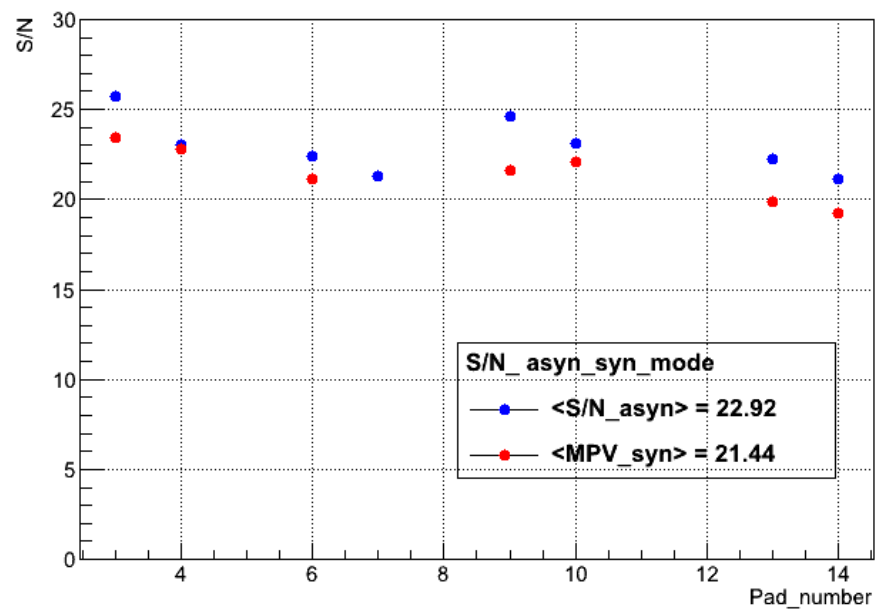
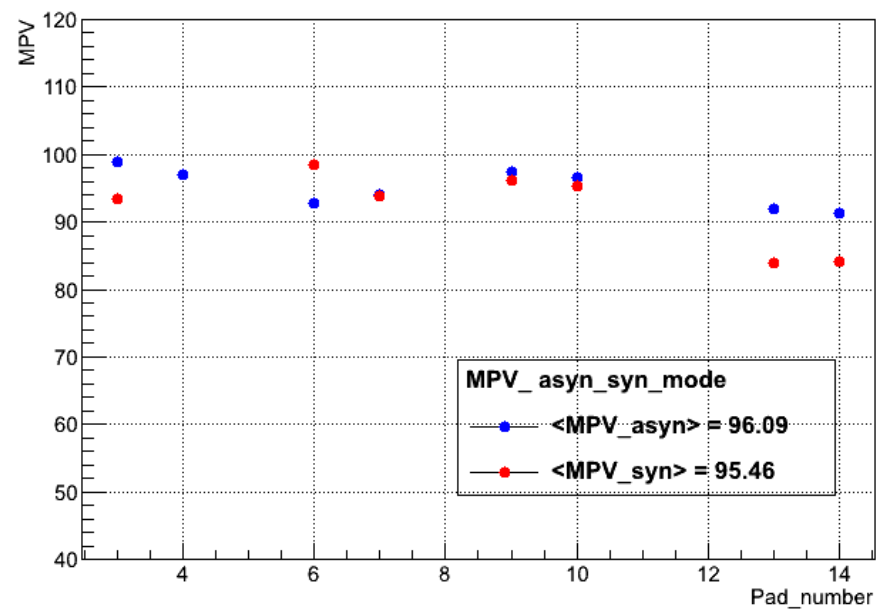


MaxAmplitude ch13_asyn_mode_4runs

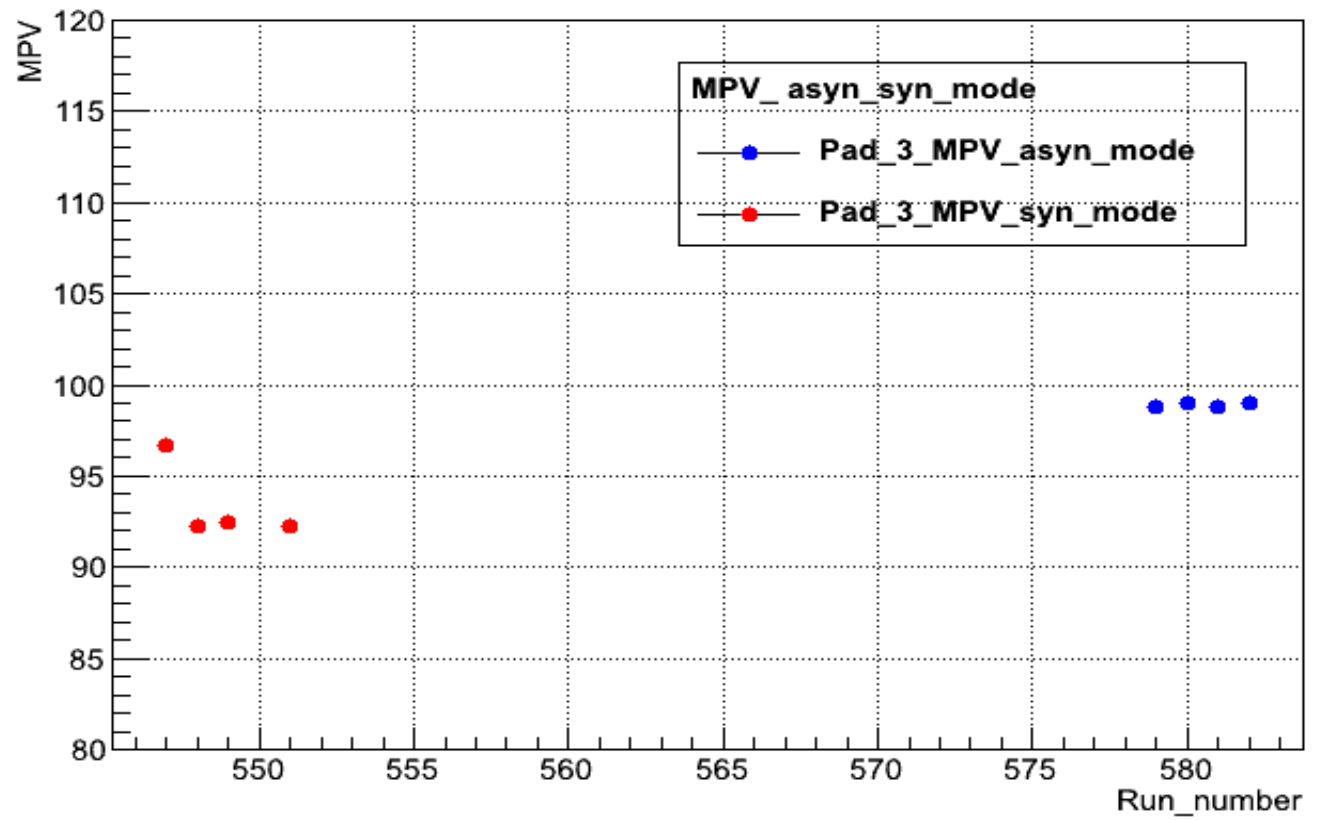


MaxAmplitude ch13_syn_mode_4runs





Results



Conclusions

- Pad number 4 from run number 527 has an abnormal behavior (further studies are needed);
- MPVs for asynchronous and synchronous modes are close to each other;
- In asynchronous mode, MPVs have a constant behavior on runs.
- In synchronous mode, MPV for pad number 3 and run 547 is bigger than other MPVs (further studies are needed);