

PID @ PAB – NEW SPLITTER

How I Learned To Stop Worrying and Love Acronyms

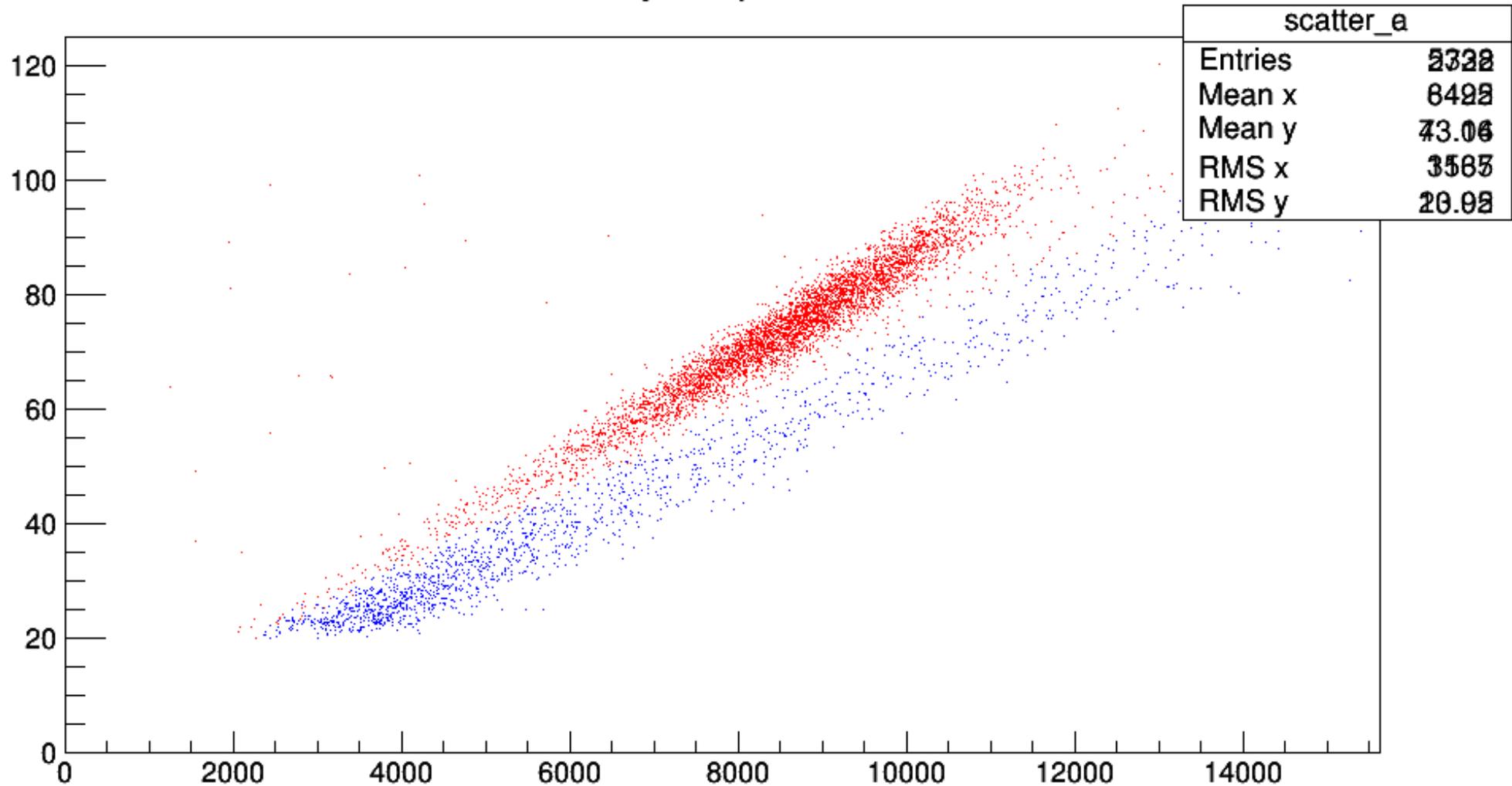
David Caratelli

Aug 14th 2013

- Exact same analysis as for other studies, but now using the new splitter which allows us to run at higher voltage

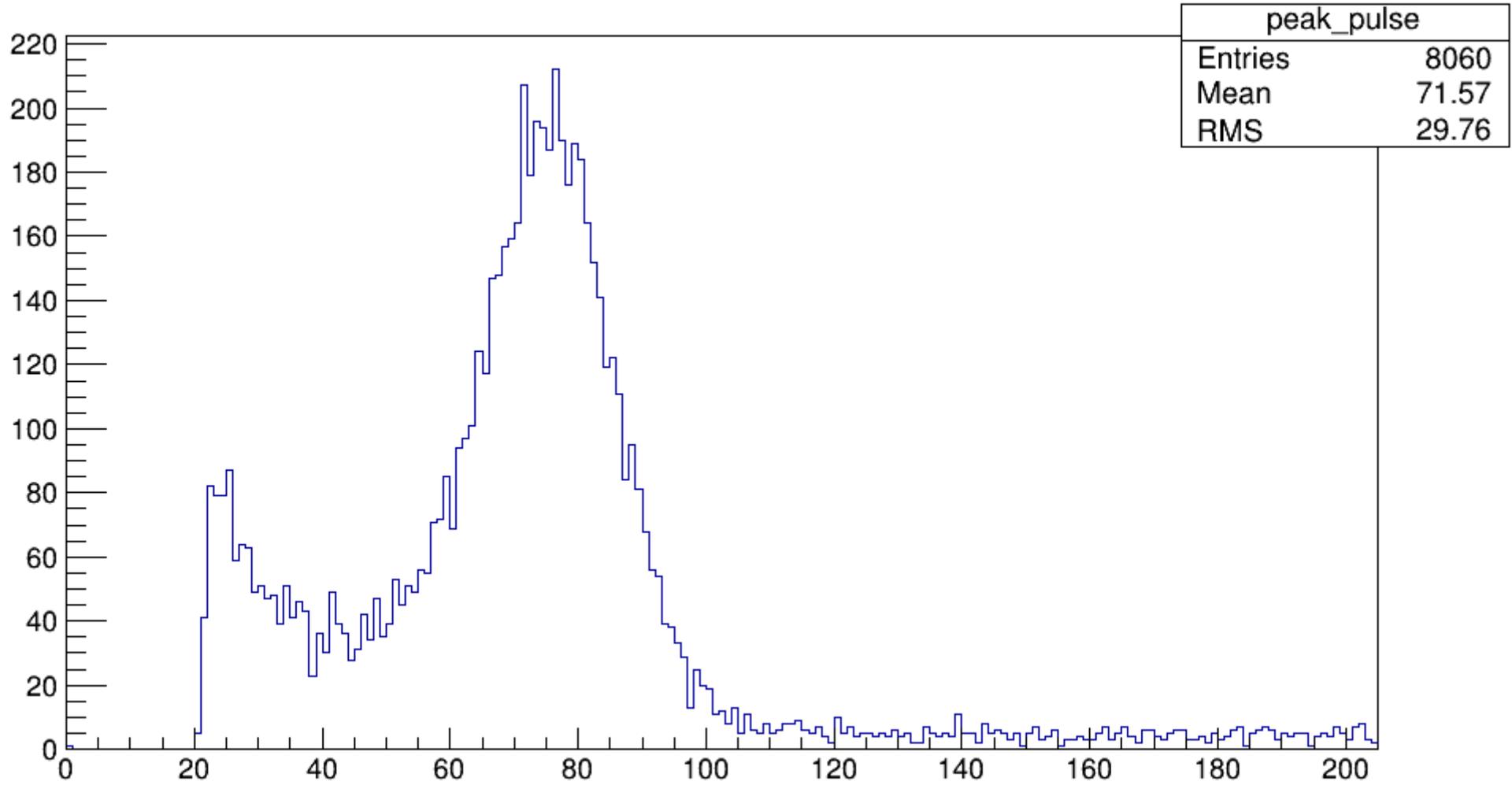
New splitter – LG – 23 bins = 360 ns

Area and Amp ~~as a~~ candidates



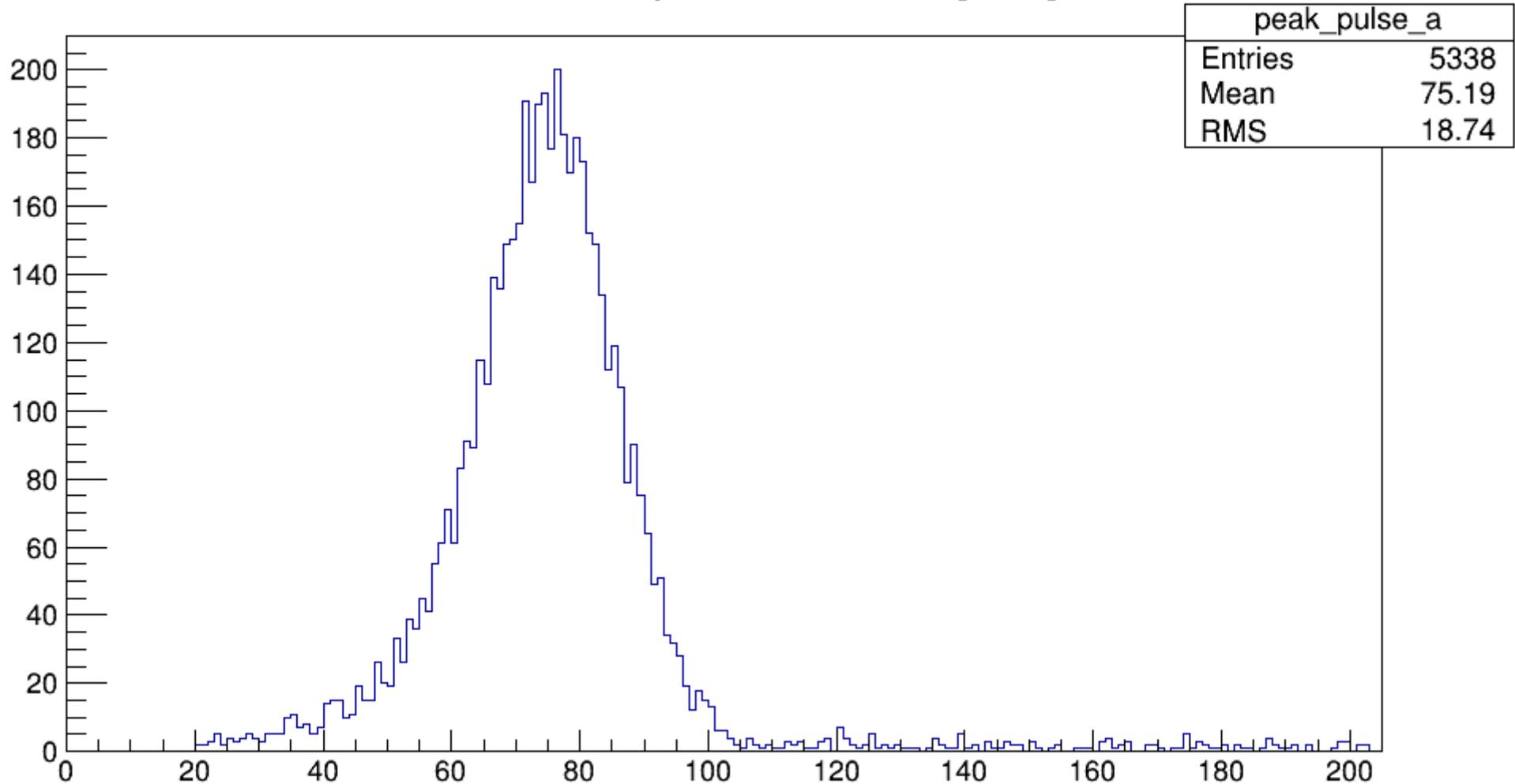
New splitter – LG – 23 bins = 360 ns

Pulse Peak [PEs]



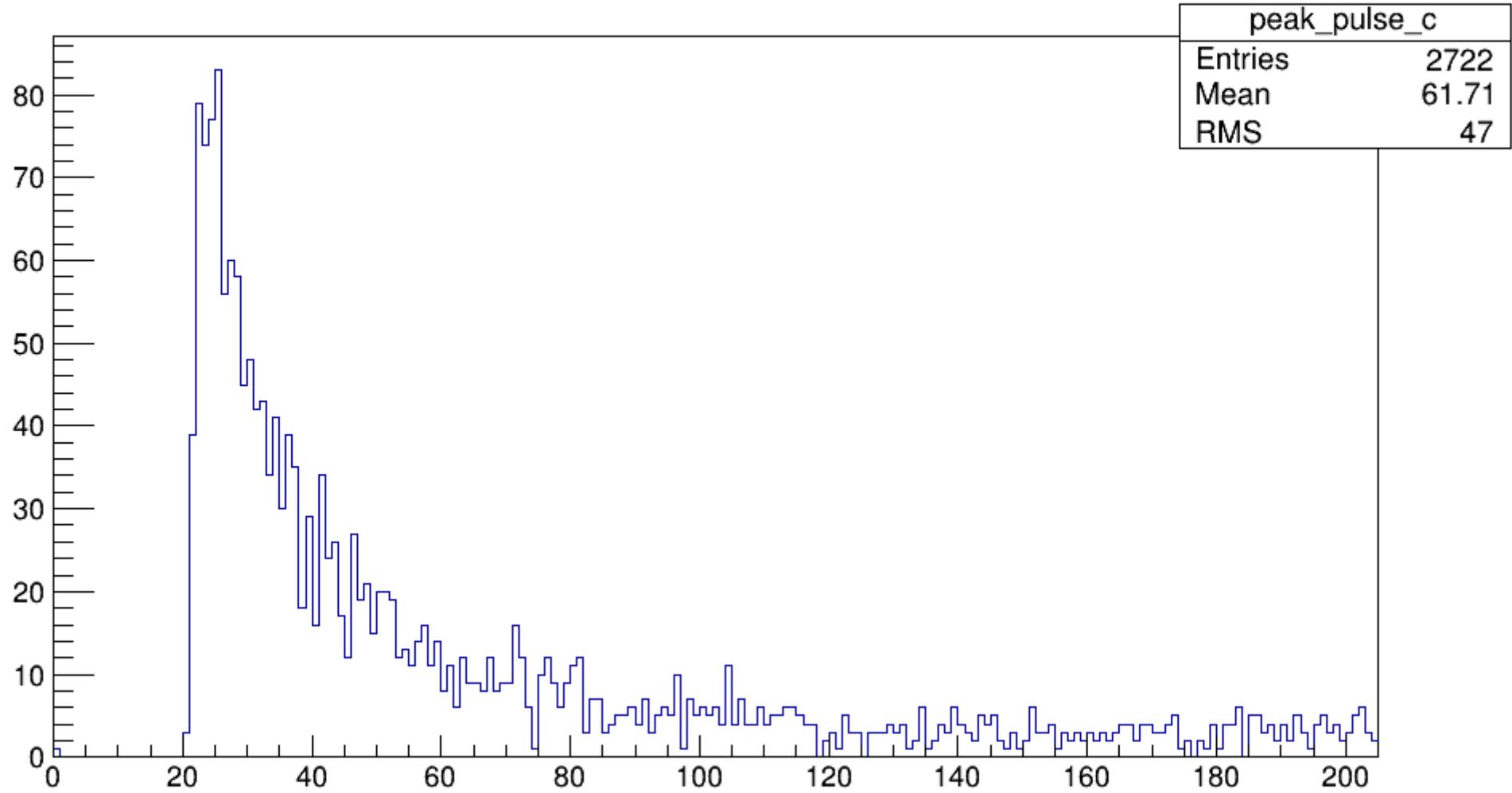
New splitter – LG – 23 bins = 360 ns

Pulse Peak - alpha candidates [PEs]



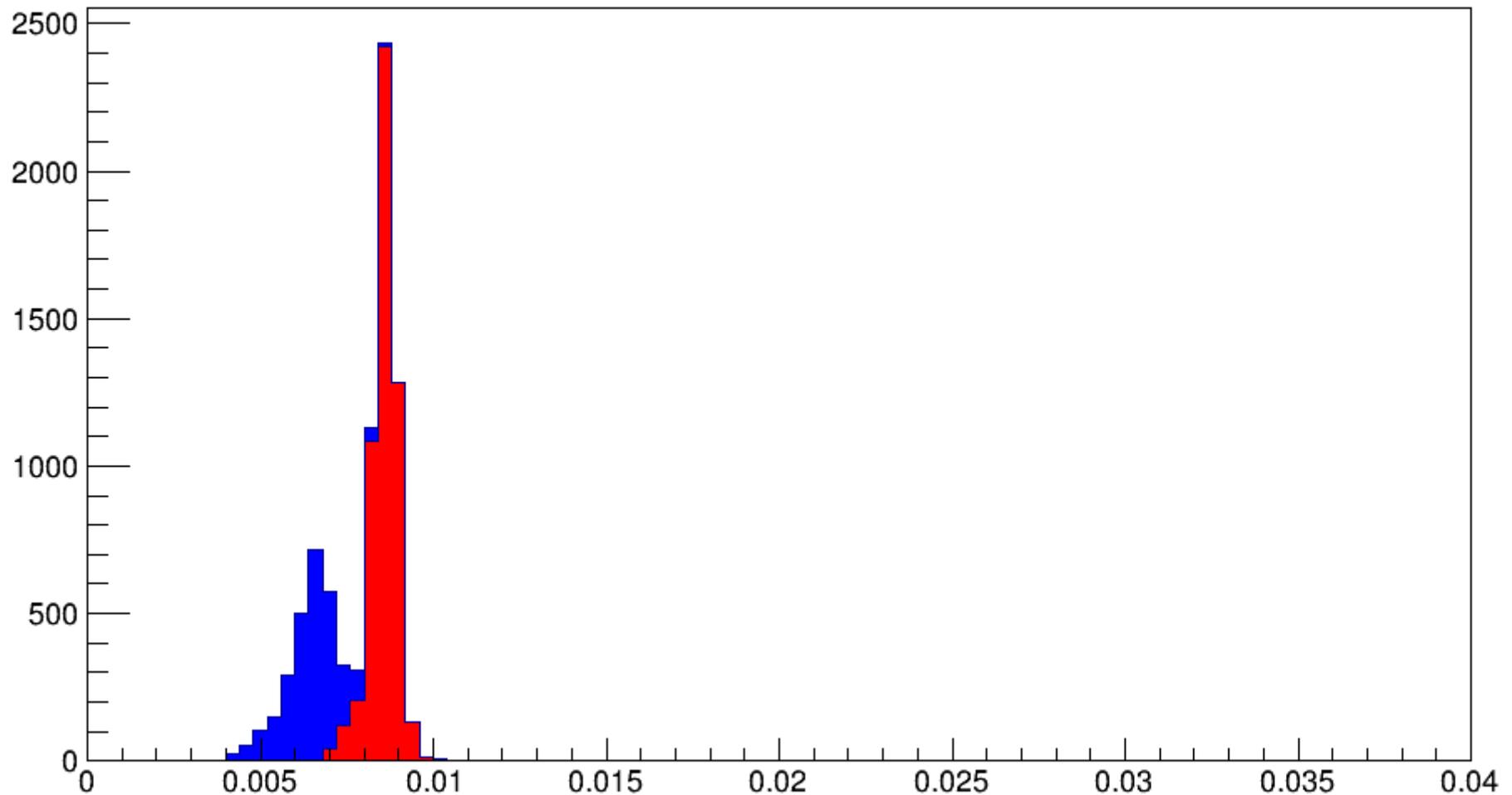
New splitter – LG – 23 bins = 360 ns

Pulse Peak cosmic candidates [PEs]



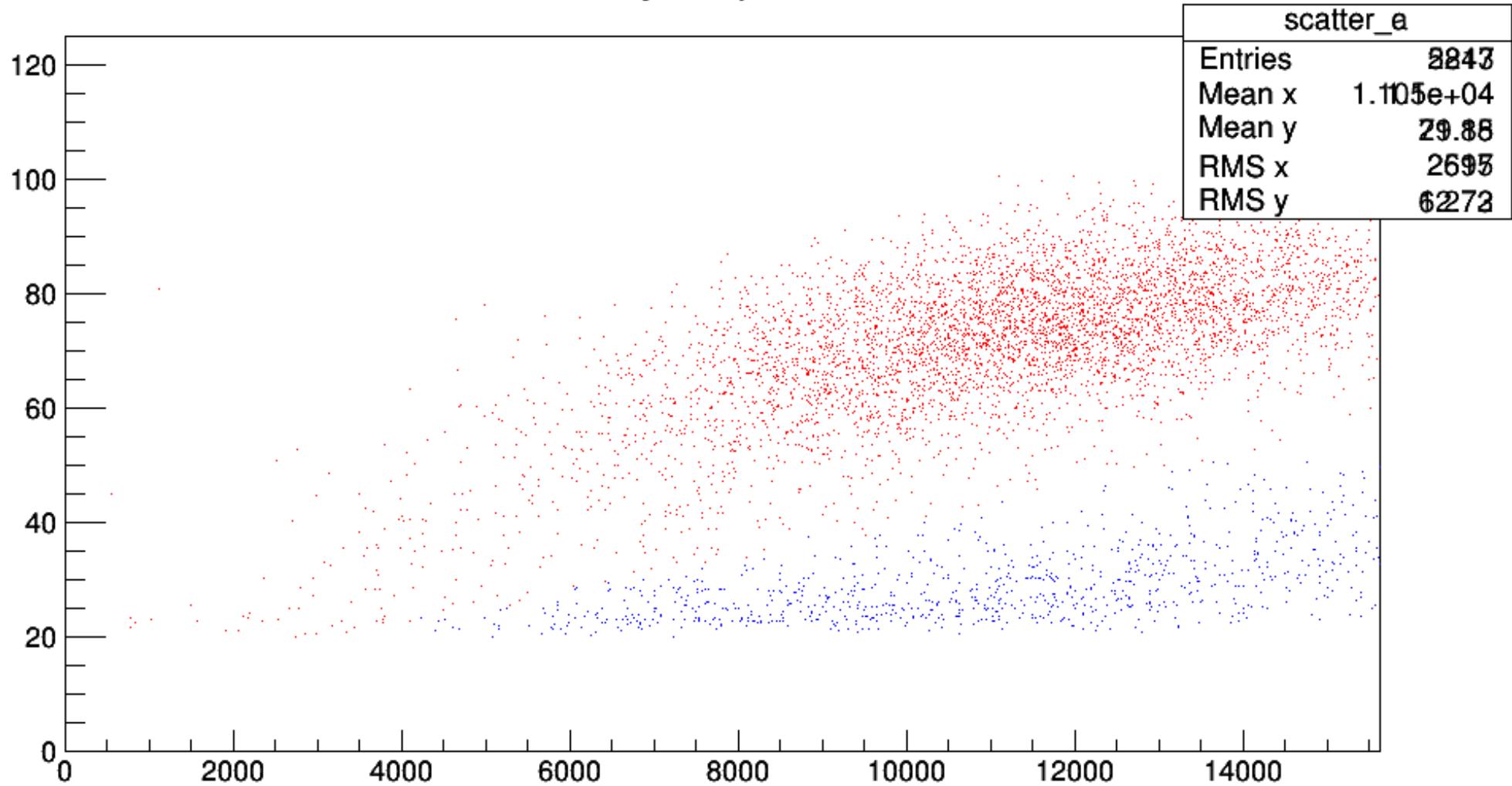
New splitter – LG – 23 bins = 360 ns

Amp to Area Ratio [1/PEs]



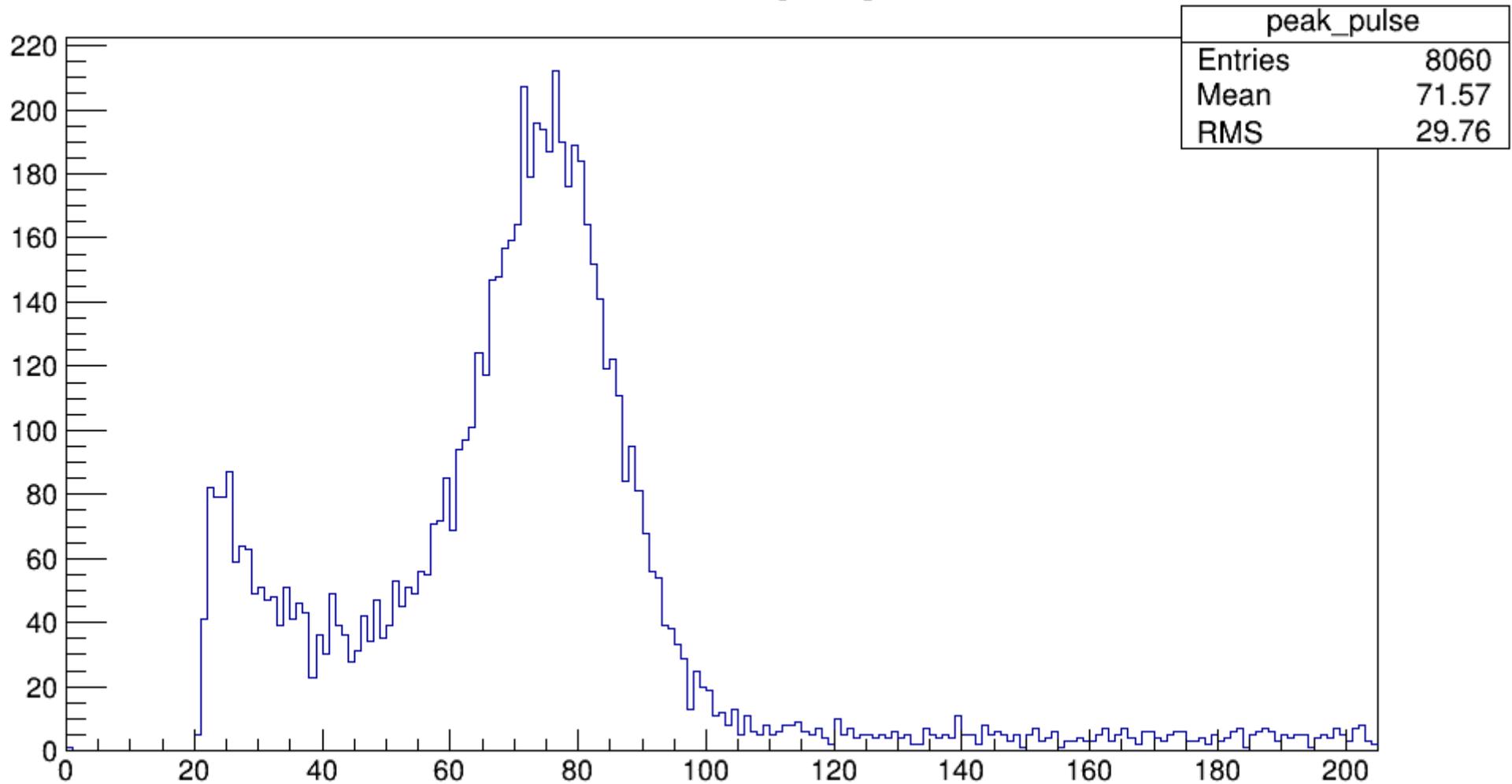
New splitter – LG – 210 bins = 3.28 us

Area and Amp candidates



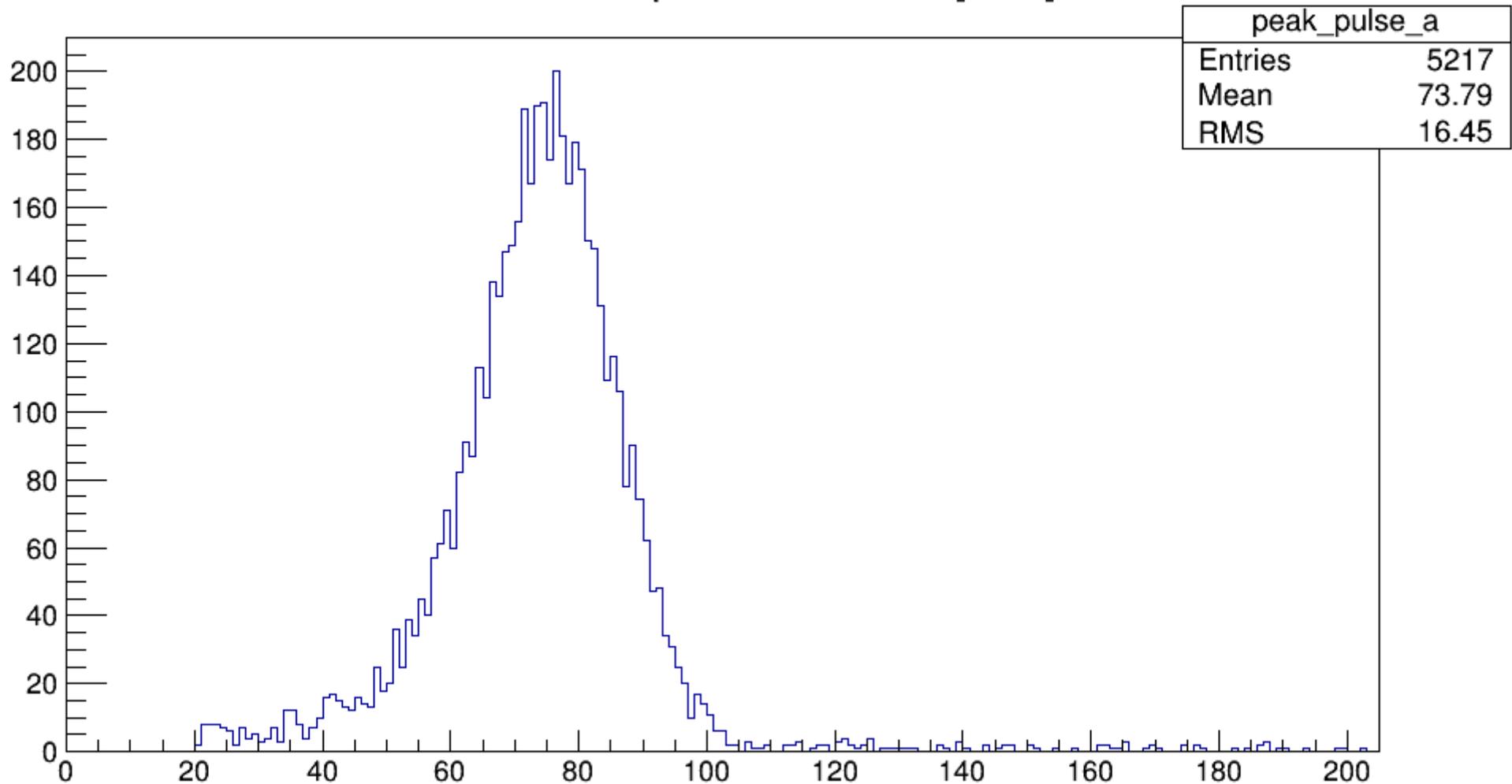
New splitter – LG – 210 bins = 3.28 us

Pulse Peak [PEs]



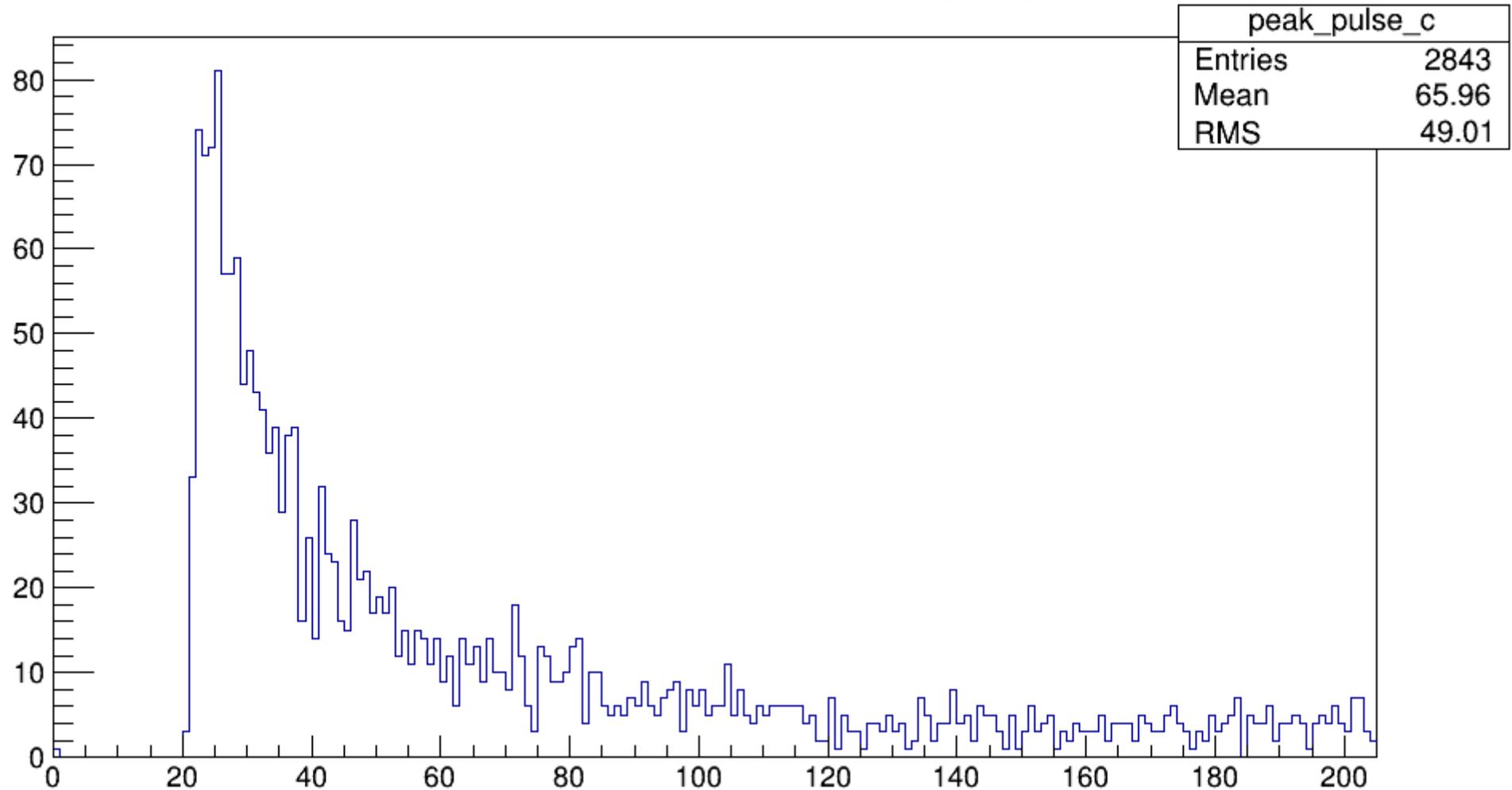
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Pulse Peak - alpha candidates [PEs]



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Pulse Peak cosmic candidates [PEs]



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Amp to Area Ratio [1/PEs]

