

# Shashlyk test report update

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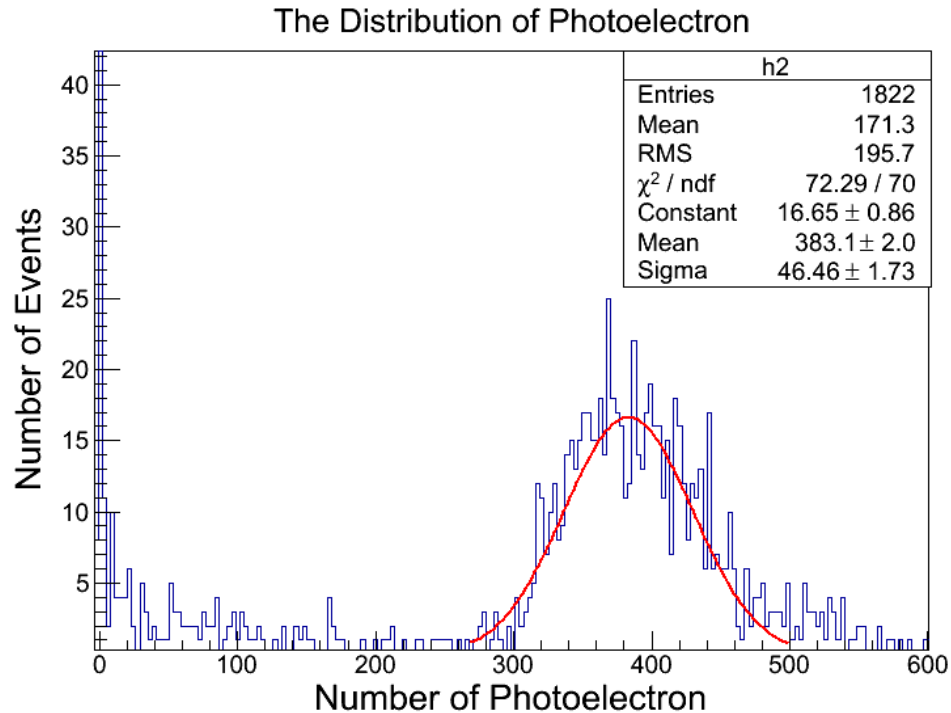
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# Shashlyk coating

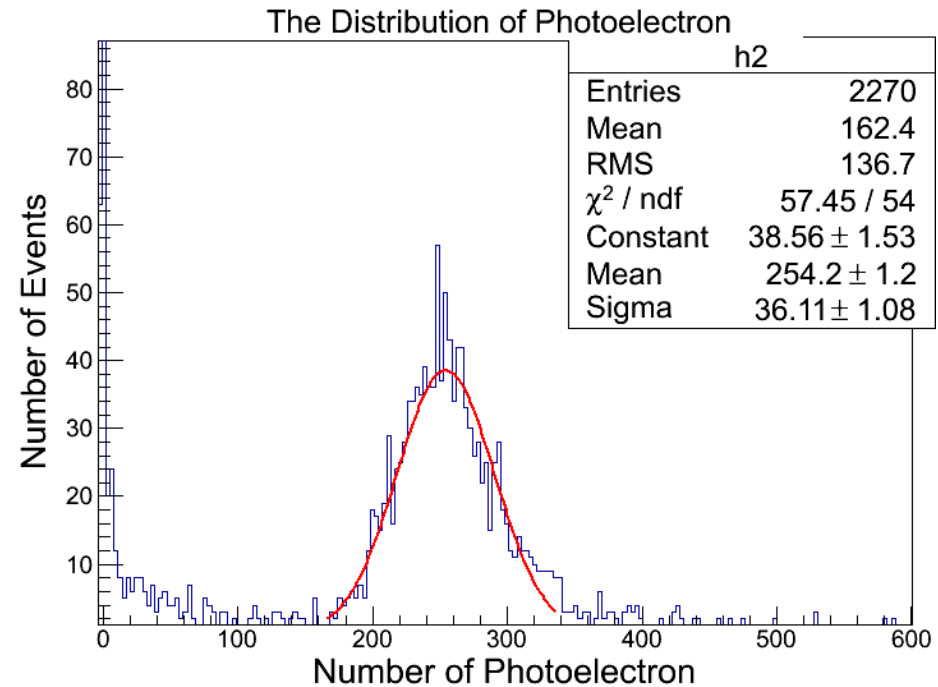
- Try to use white glue mixed with TiO<sub>2</sub> to get the coating material, and got the idea from Kedi company
- We coat module #2 with glue and TiO<sub>2</sub> as mixing ratio 10:1 at first, and then coat module #1 with glue, TiO<sub>2</sub> and water as ratio 6:1:1.
- The quality of first attempt coating(#2) is not as good as the second one(#1).
- We got the coating material sample from Kedi company, but that is not enough for one module



# Module with coating test result



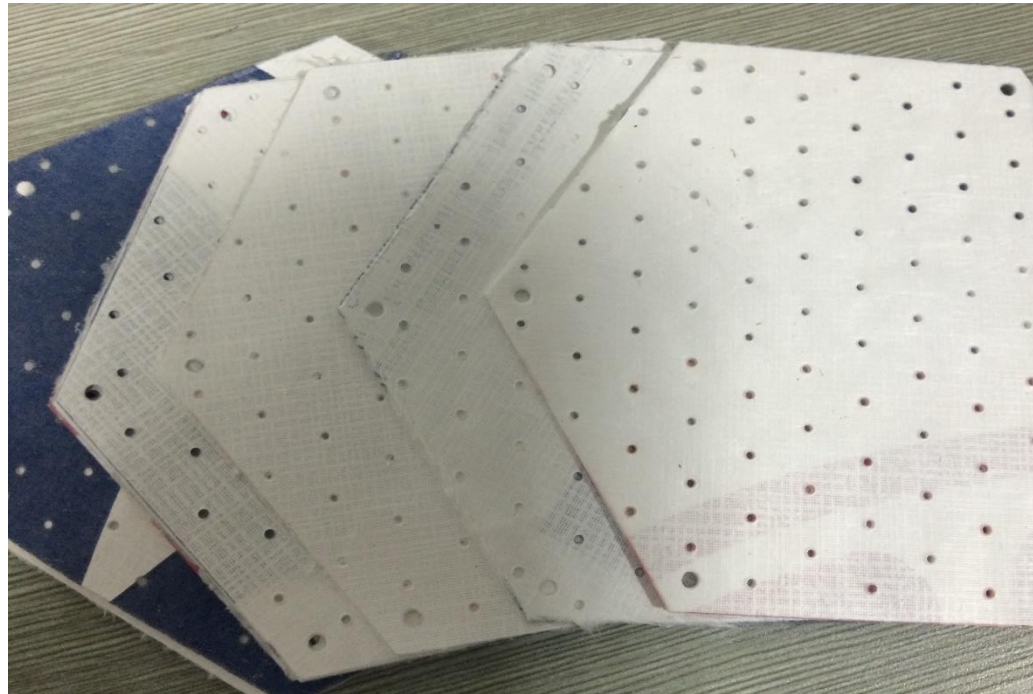
#2, photon number mean value is 383,  
10% worse comparing with loose tyvek



#1, photon number mean value is 254,  
14% better comparing with loose tyvek

# Tyvek sheet from US

- Try to test the property
- Hole quality not so good
- Strange paper, just like cloth, a little non-light tight



# Next step

- Have built another module #3 with new scintillator and lead from US.
- Work on to get one Y11 bundle.
- Test the property of Tyvek from US
- Compare different coating material