

PLUME Detector:

Geant4 exploration

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1 Single Module Simulation

2 Two Modules Simulation

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1 Single Module Simulation

2 Two Modules Simulation

Without quartz

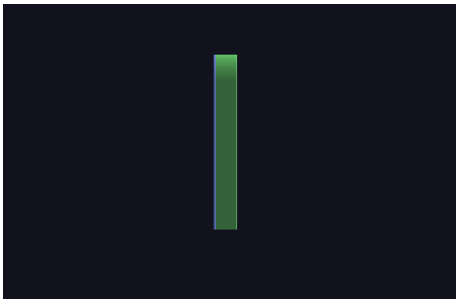


Figure: Detector without quartz.

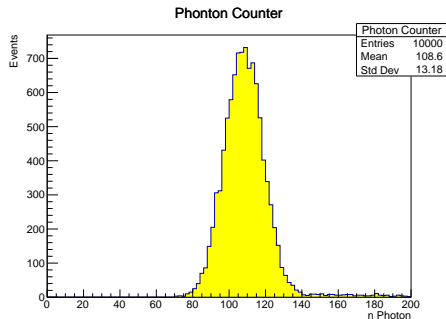


Figure: Photons generation inside the window.

With quartz

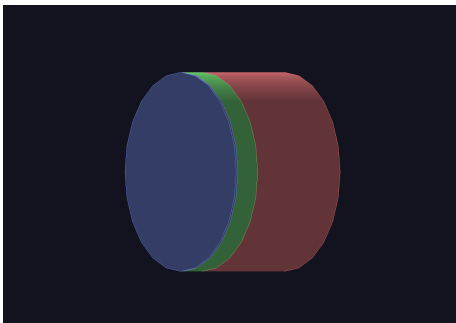


Figure: Detector with quartz.

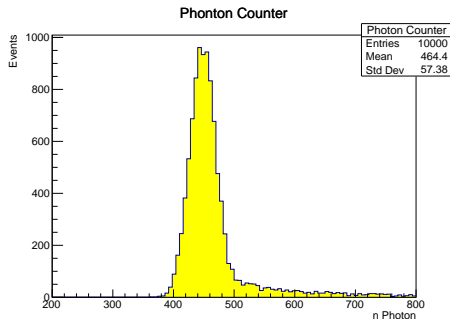


Figure: Photons generation inside the quartz.

Photons Reflected

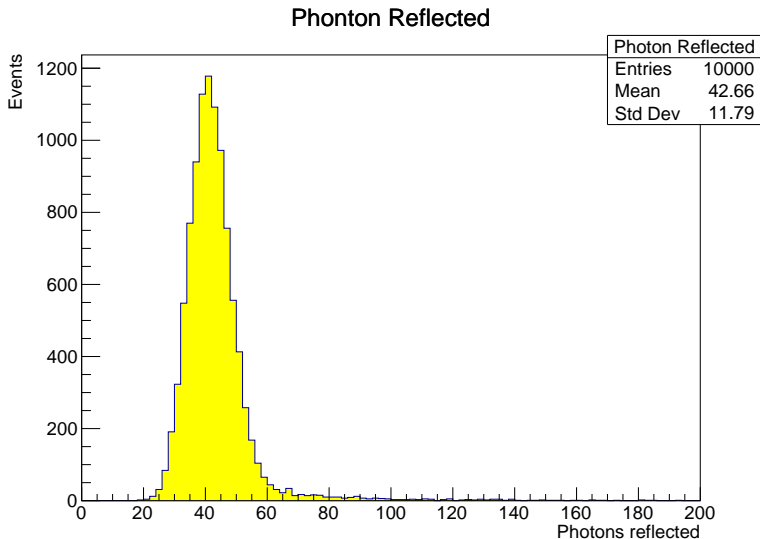


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Two module detector



Figure: Detector with two modules.

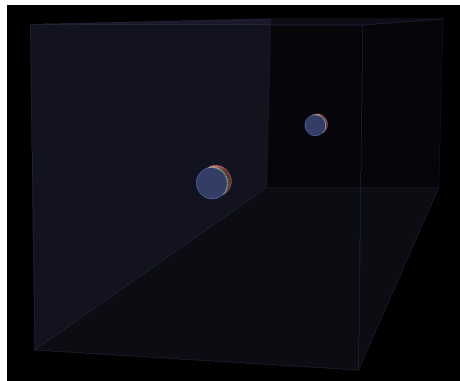
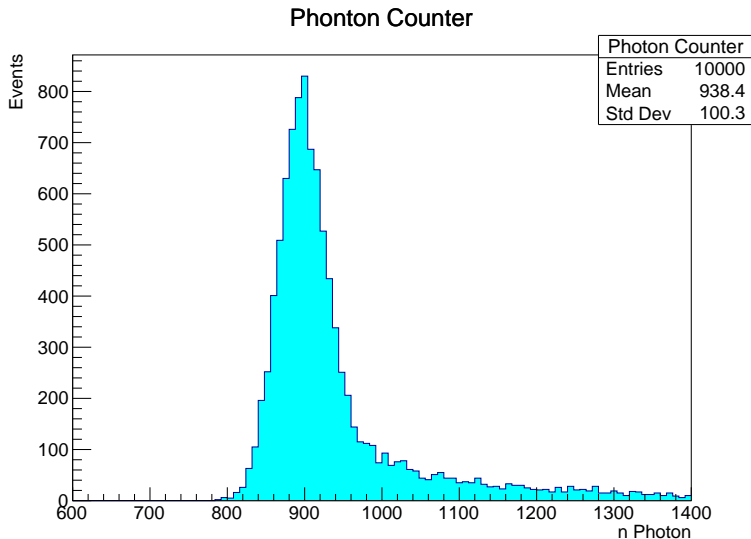


Figure: Detector with two modules.

Photons Generation



Photons Reflected

