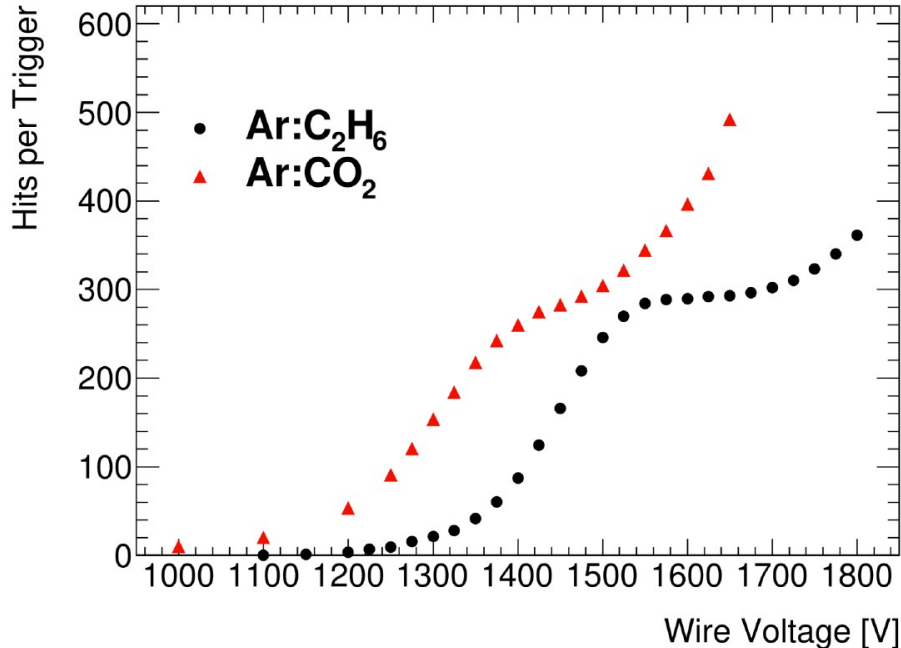
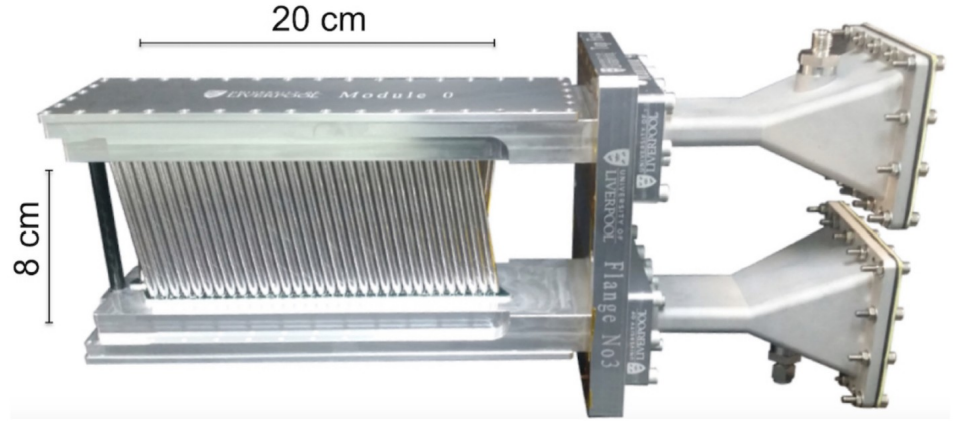


# The straw tracker of the g-2 experiment

Mylar straws + 25 $\mu$ m gold wire  
Ar:C<sub>2</sub>H<sub>6</sub> gas



7.5° angle between two series of straws

Why Ar:C<sub>2</sub>H<sub>6</sub>? → better plateau region  
Lower leakage rate compared to Ar:CO<sub>2</sub>  
Operating voltage 1650 V in the plateau.  
Decided to have the best hit efficiency