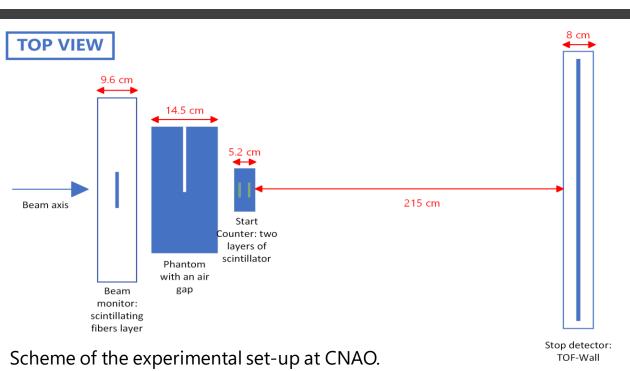
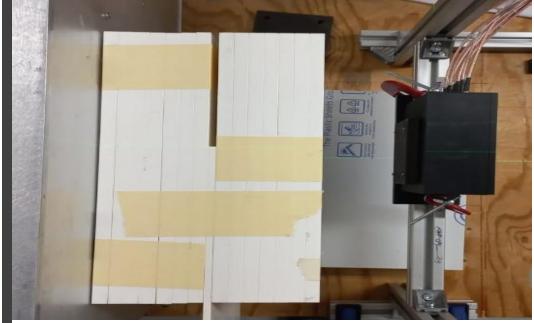
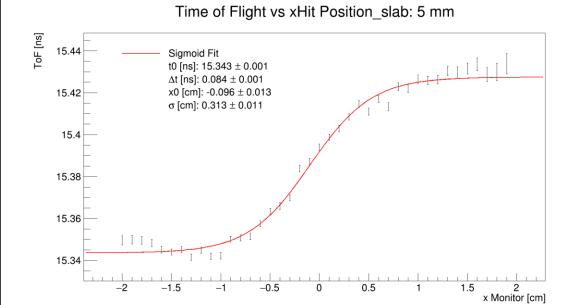


Experimental set-up at CNAO.





Water-equivalent phantom with an air gap of 5 mm.



TOF values versus the hit position of the particles on the beam monitor using a phantom with an air gap of 5 mm.