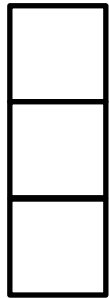# Scan single fiber efficiency

- Amplitude distribution
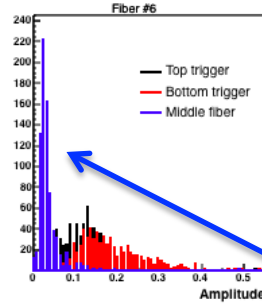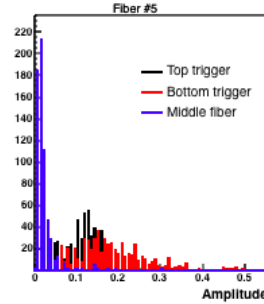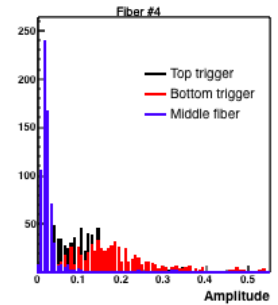
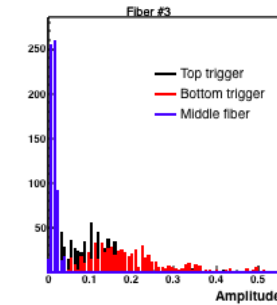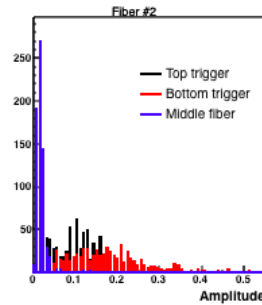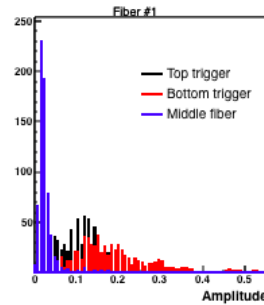all scintillators are 1x1 cm^2
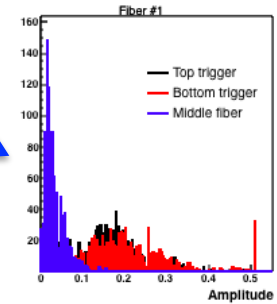
Top (7 fibers)

Middle (1 fiber)
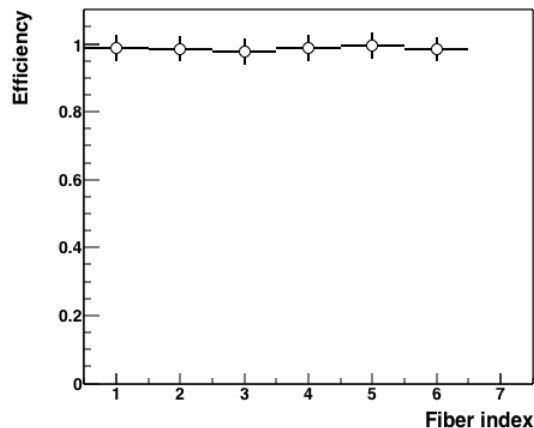
Bottom (7 fibers)

slight smaller mean amplitude than the 1.5x1.8 cm^2 scintillator
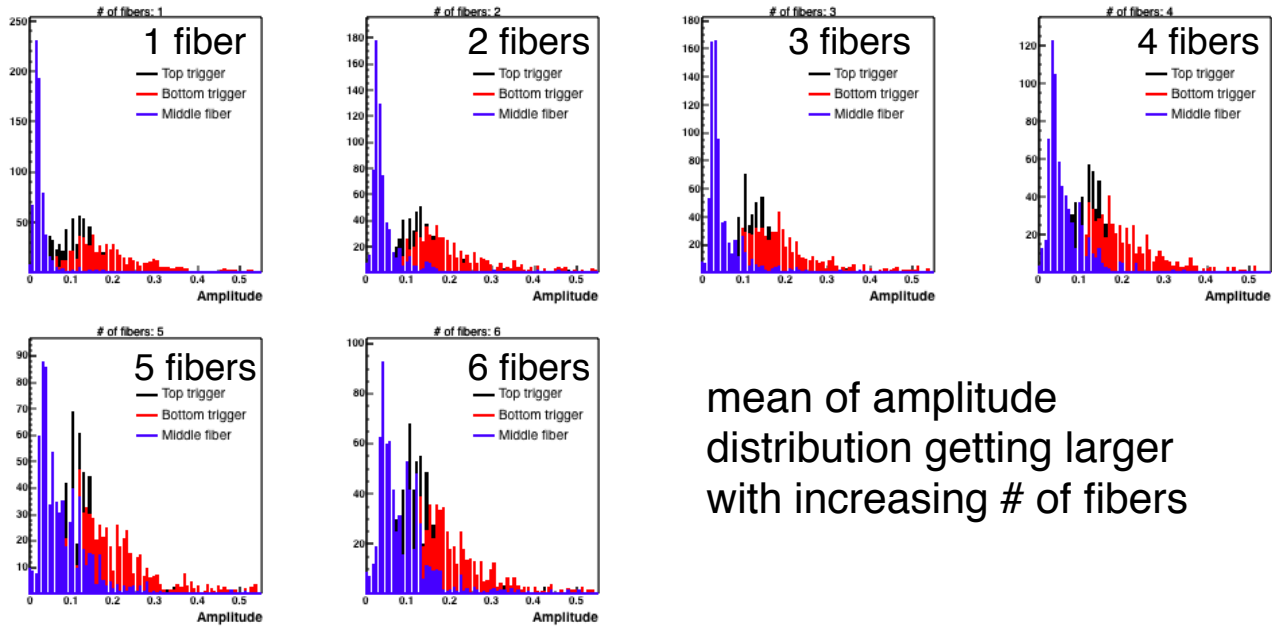
- Efficiency

Before doing this test, I rechecked fiber connection to SiPM.

Efficiency looks pretty good

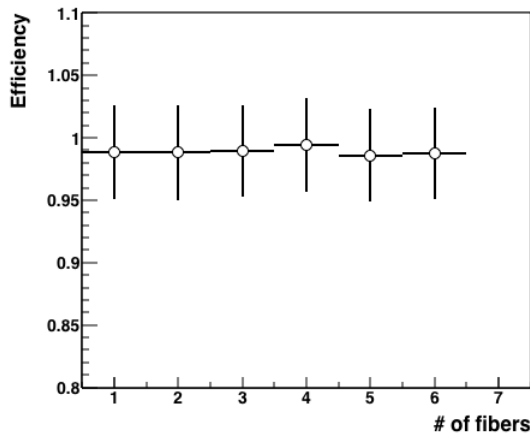- Amplitude distribution

Top (7 fibers)
Middle (1-7 fiber)
Bottom (7 fibers)

mean of amplitude
distribution getting larger
with increasing # of fibers

- Efficiency

Single fiber already give a high efficiency

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