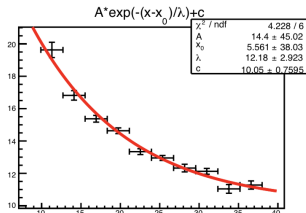
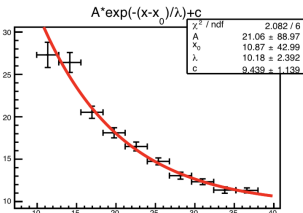
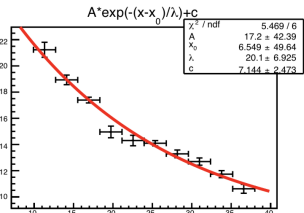
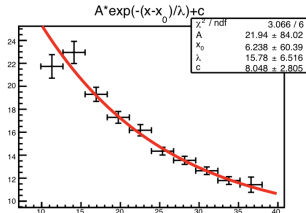
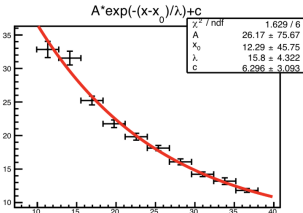
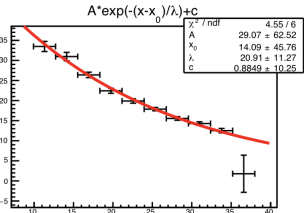
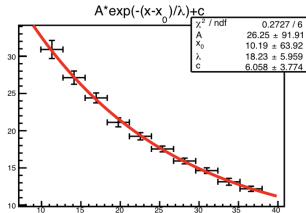
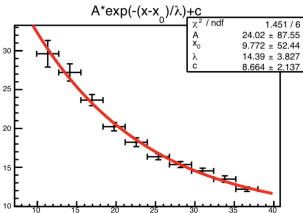
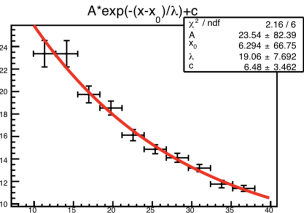


Attenuation lenght

Attenuation lenght estimated for 15 of the crystals in Genoa

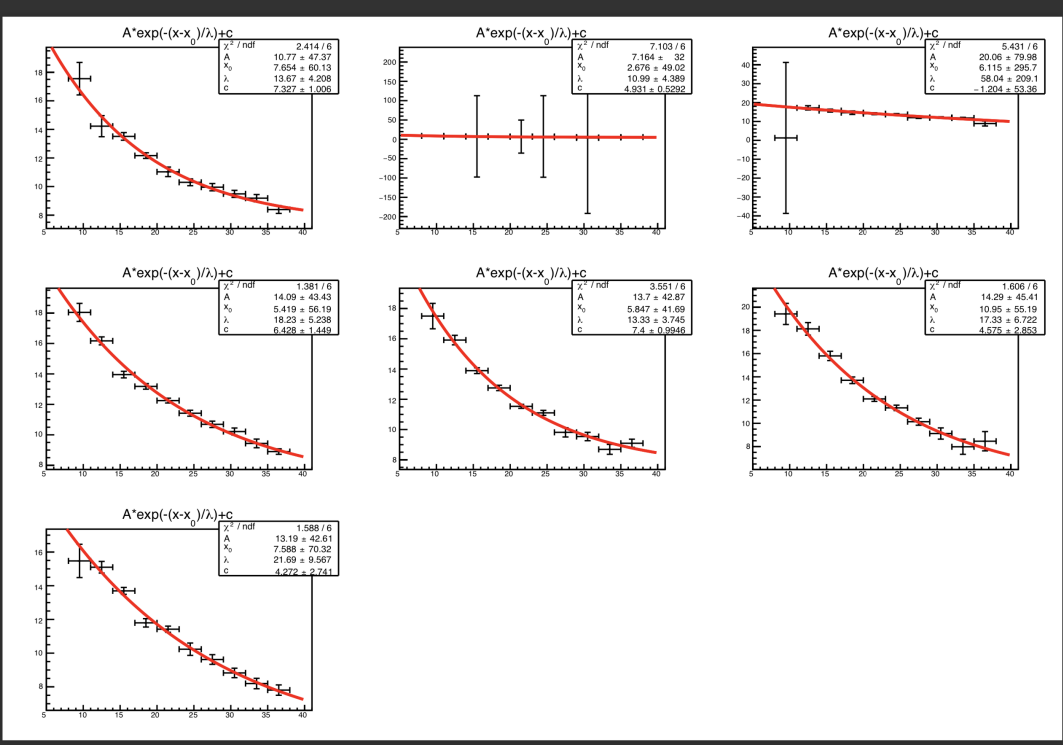
→ for crystal 13 measurement failed and will be measured if crystal come back to Genoa



Attenuation lenght

Attenuation lenght estimated for 15 of the crystals in Genoa

→ for crystal 13 measurement failed and will be measured if crystal come back to Genova



Attenuation length

Attenuation length estimated for 15 of the crystals in Genoa

→ for crystal 13 measurement failed and will be measured if crystal come back to Genova

Glass	λ (cm)	Glass	λ (cm)	Glass	λ (cm)	Glass	λ (cm)
2	19 ± 7	6	16 ± 4	10	12 ± 3	15	18 ± 5
3	14 ± 4	7	16 ± 6	11	14 ± 4	16	13 ± 4
4	18 ± 6	8	20 ± 7	13		18	17 ± 7
5	21 ± 11	9	10 ± 2	14	13 ± 6	19	22 ± 9

- Attenuation length consistent with transmission measured
- Uncertainty dominated by EEE position uncertainty and limited statistics
- Trend suggest slightly lower attenuation length for second batch

Light Yield

Measured light yield using cosmics:

- Selected cosmics crossing the crystal in front of SiPM
- Measurement done with INFN waveboard → conversion in phe still in progress

Performed measurement on 5 crystals to use as reference:

- Glass 2: 77 phe / cosmic \Rightarrow 5.5 phe / MeV
- Glass 3: 80 phe / cosmic \Rightarrow 5.7 phe / MeV
- Glass 4: 89 phe / cosmic \Rightarrow 6.3 phe / MeV
- Glass 13: 87 phe / cosmic \Rightarrow 6.2 phe / MeV
- Glass 14: LY = 107 phe / cosmic \Rightarrow 7.6 phe / MeV

For the other crystals, preliminary analysis suggests small differences between crystals in the light yield