

Report on KOTO EMCal Study

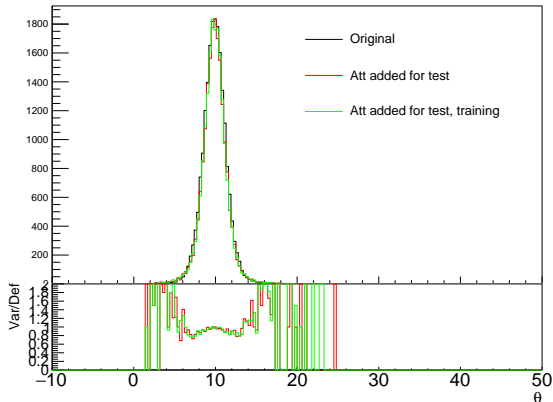
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Updated contents

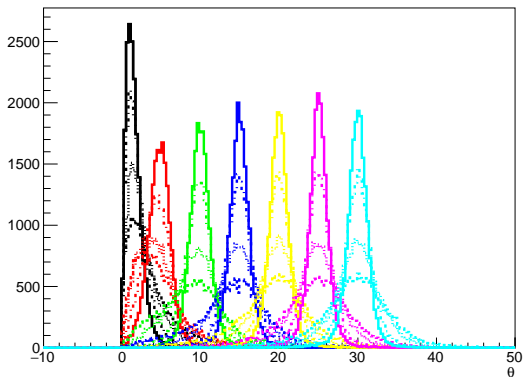
- ▶ Attenuation effects
- ▶ Angle and energy dependence

Attenuation effects



- ▶ Attenuation with $f(z) = E_0 \exp(-z/(\lambda + z\alpha))$
 - ▶ $\lambda: 2899, \alpha: 0.27$
- ▶ Procedure: Attenuation \rightarrow smearing(np=50) \rightarrow 0.5 MeV Threshold
- ▶ Safe from attenuation effect

Angle and energy dependence



- ▶ Full responses up to the attenuation effect
- ▶ energy dependence seen
- ▶ Weak angle dependence for $\theta > 10$