

# Report on KOTO EMCal Study

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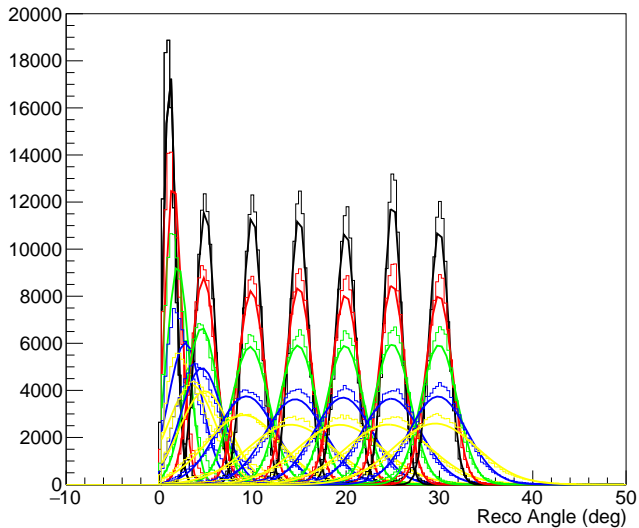
March 9, 2021

# Contents

- ▶ Incident angle and energy

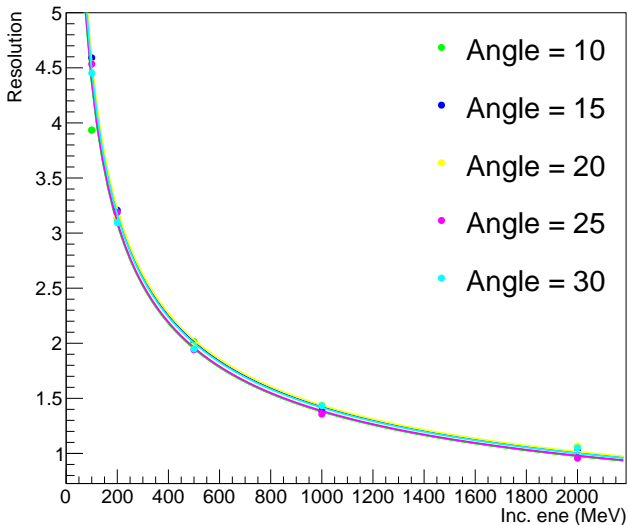
# Detector width study

hAng\_0\_0



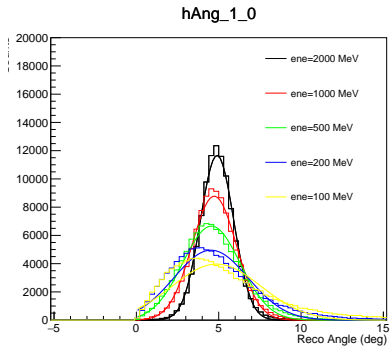
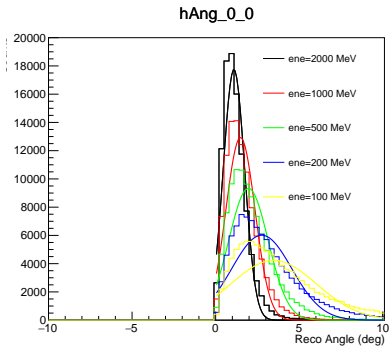
► Color for energy

# energy / angle dependence



► Function as  $f(e) = p_0/\sqrt{e}$ ,  $p_0 = \sim 1.45$

# Small angles?



# Status

- ▶ Reports are based on fixed position and energy of gamma
- ▶ Ideally, Estimation for angle, energy, and position should be done..