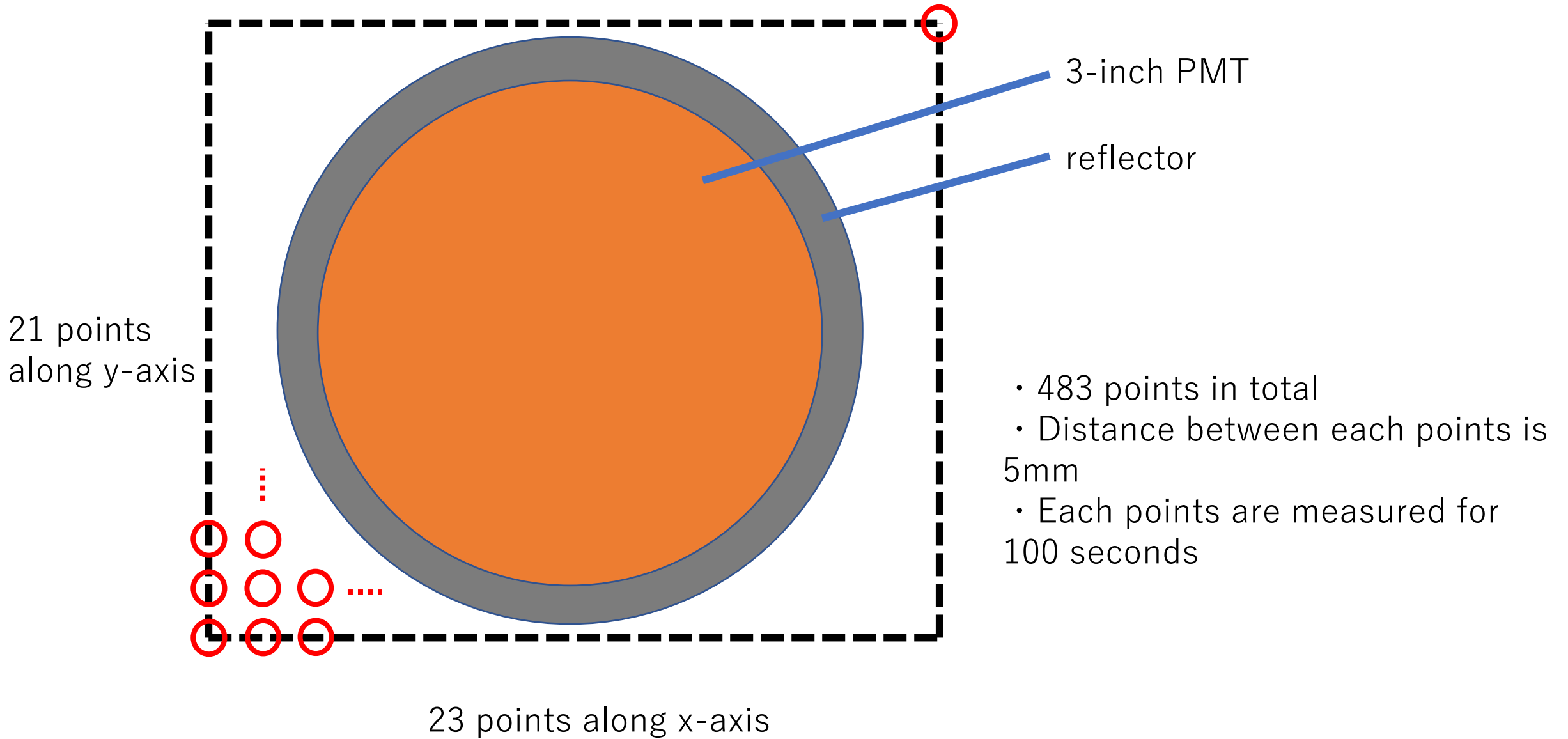


Status Report

Isao Sashima
Oct. 16 , 2020
mPMT meeting

- took measurements at 72 points with a reflector attached
→ correlation between each parameters and the direction of the dynode was similar
- need much larger measurement area
→ resetting the measurement area (next page)
- the analysis froze during the process
→ separate the measurement area



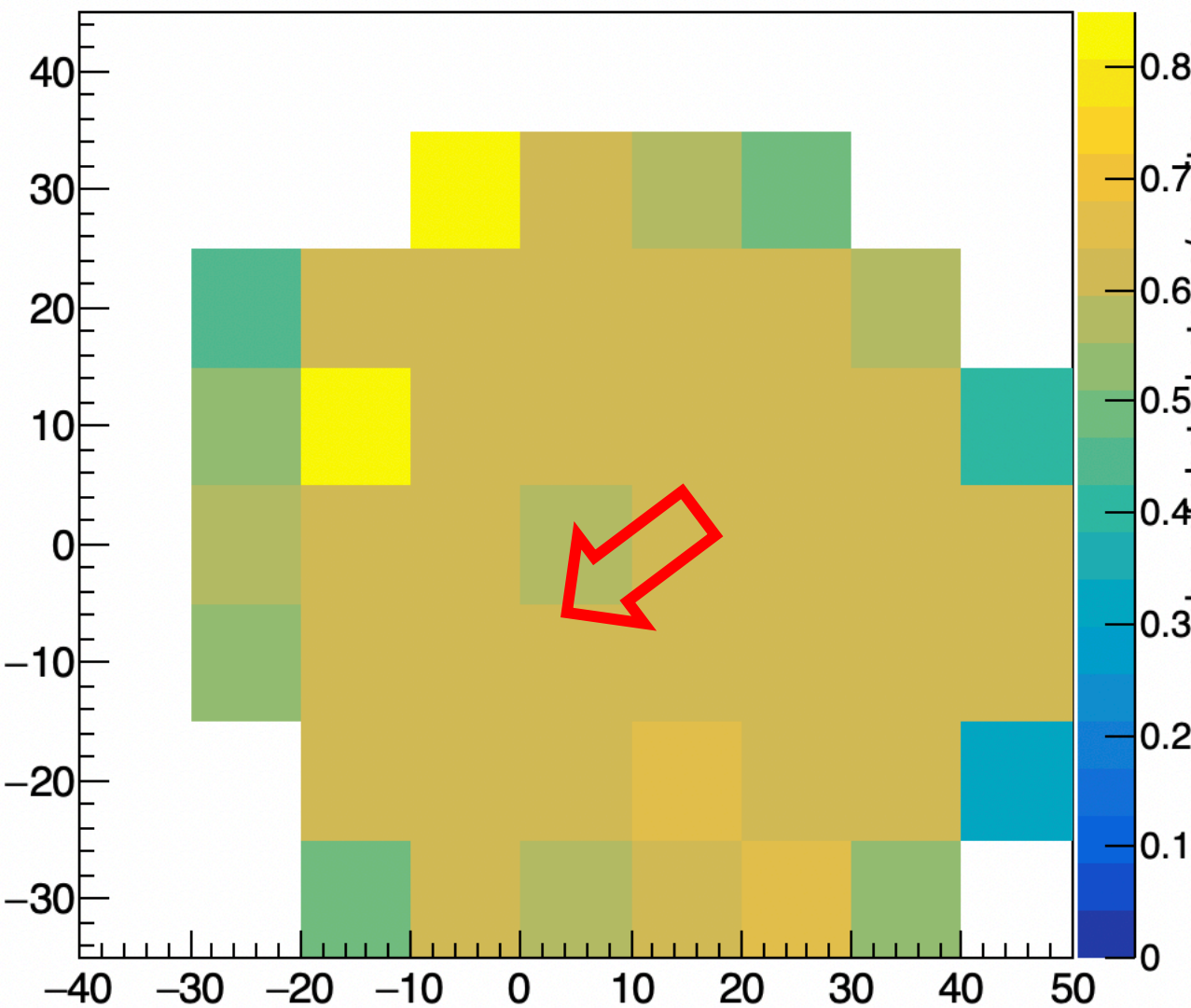
Backup

efficiency

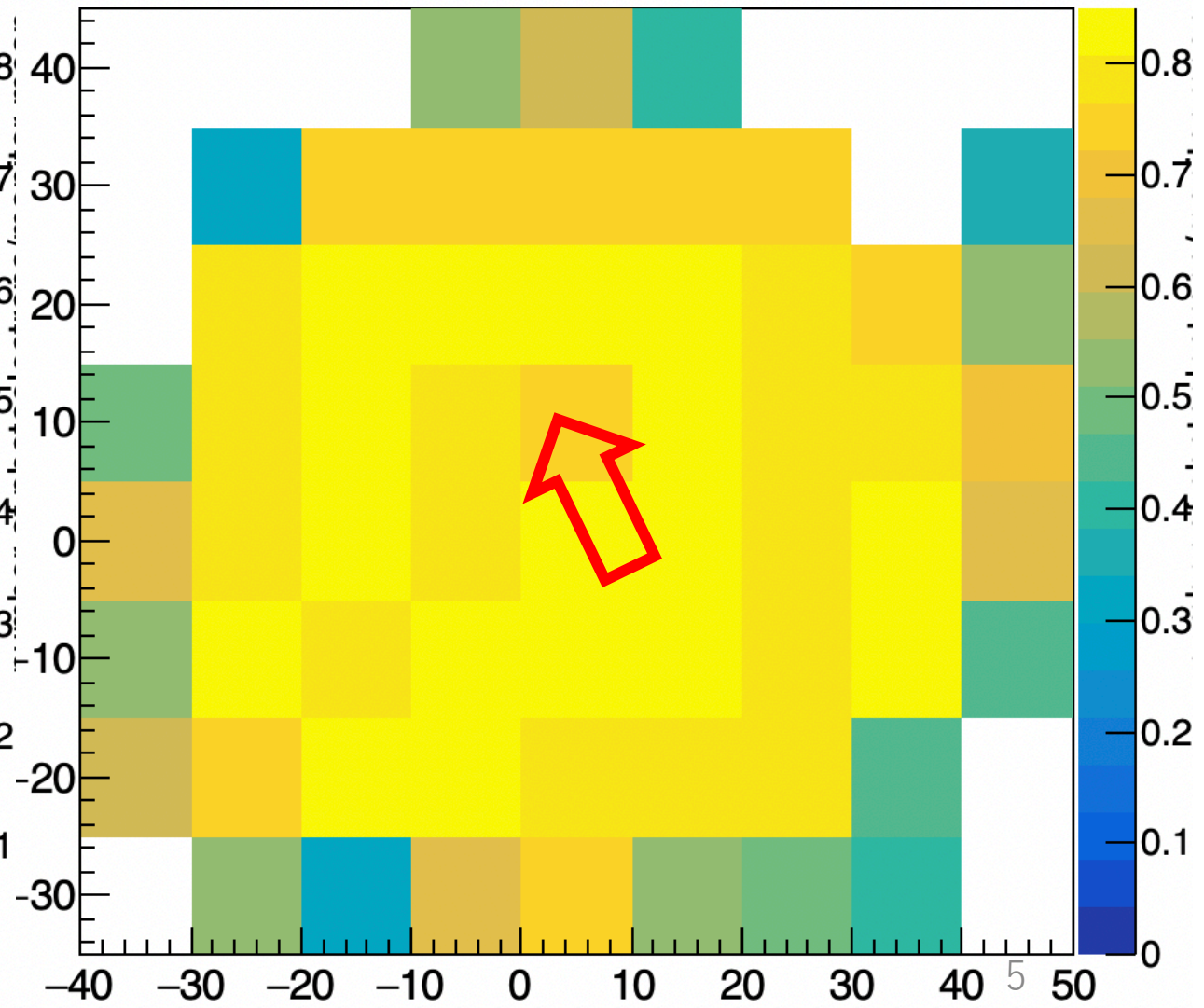


the direction from the first
dynode to the second dynode

without reflector

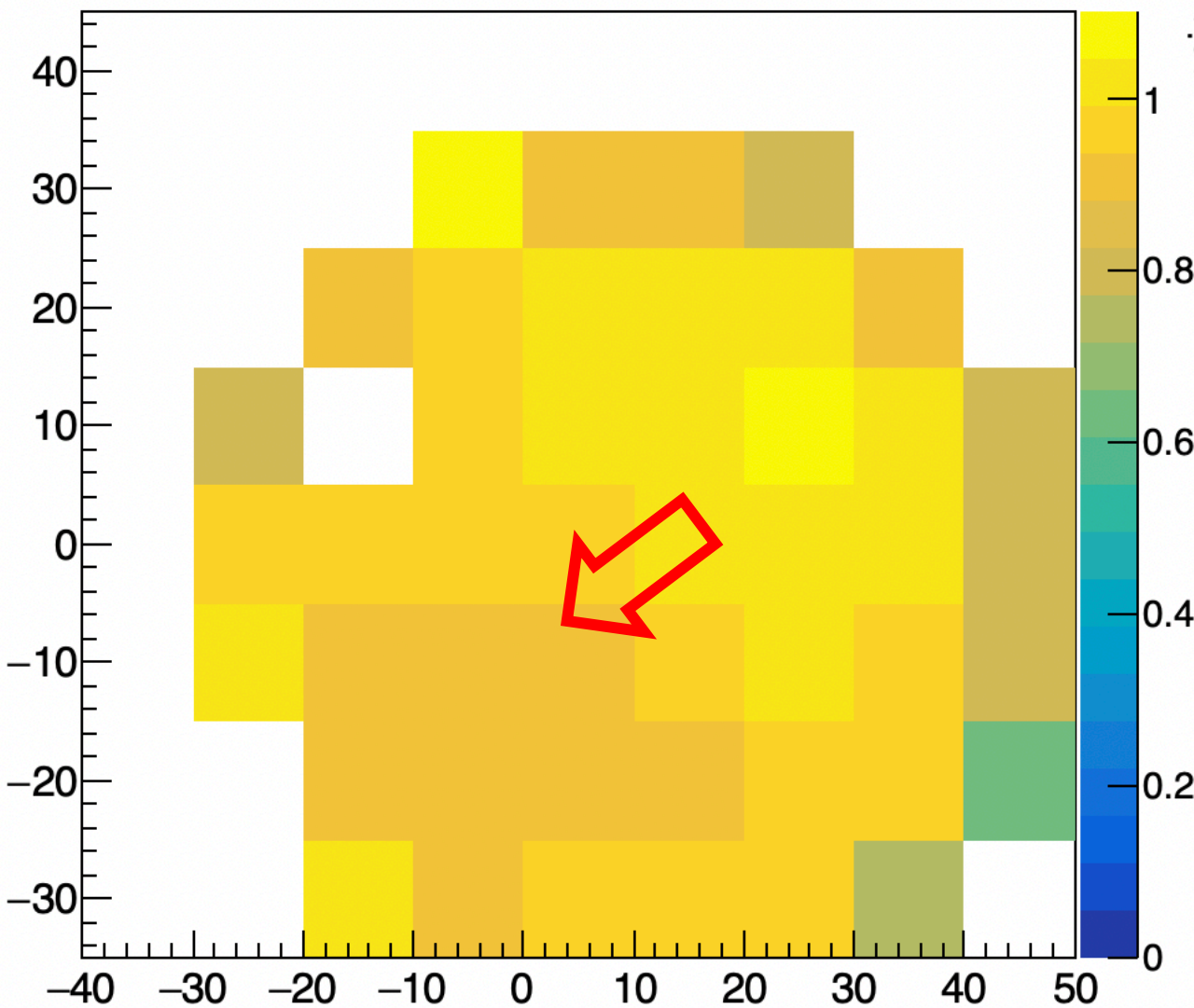


with reflector

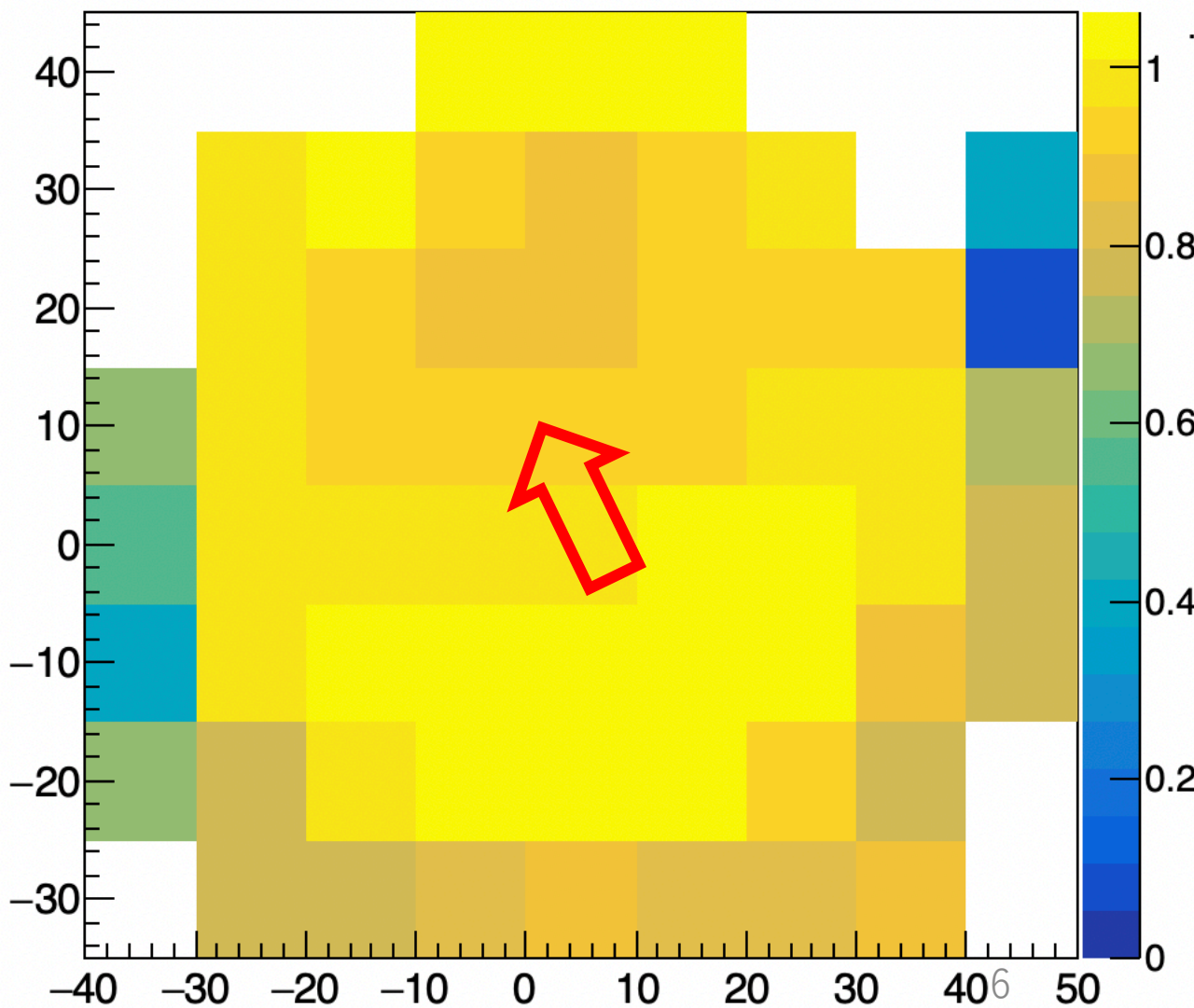


gain

without reflector

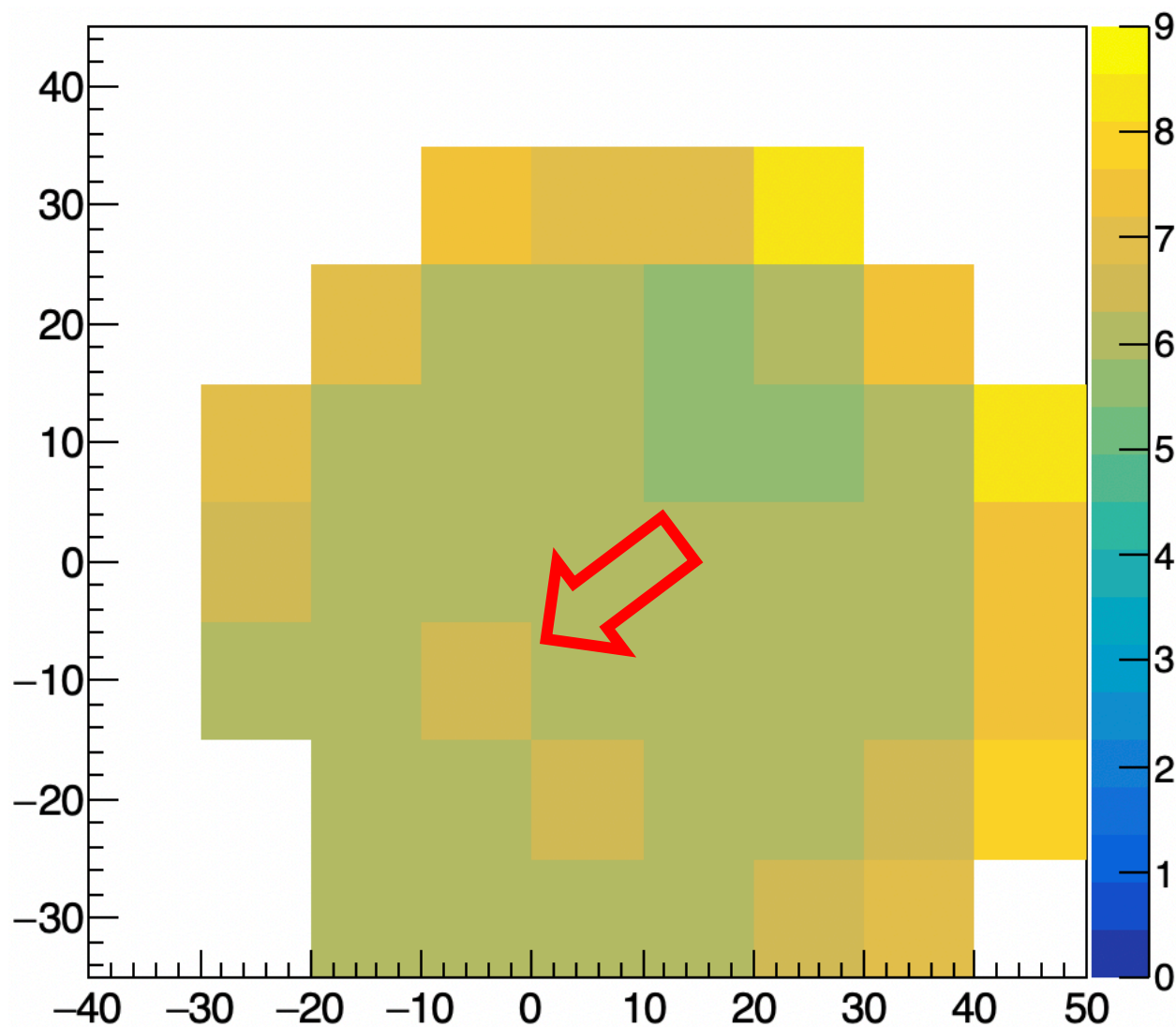


with reflector

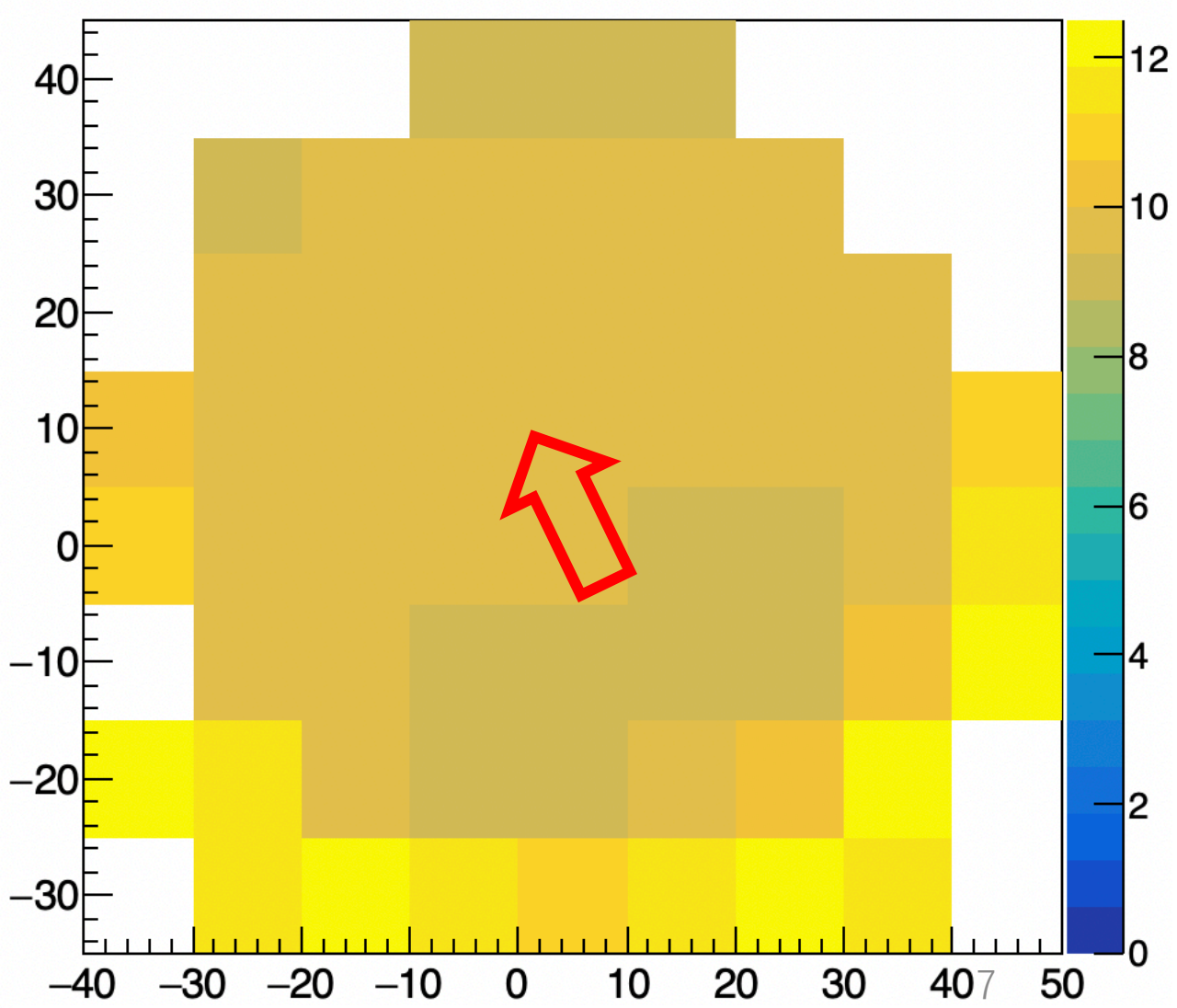


TT (Transit Time)

without reflector

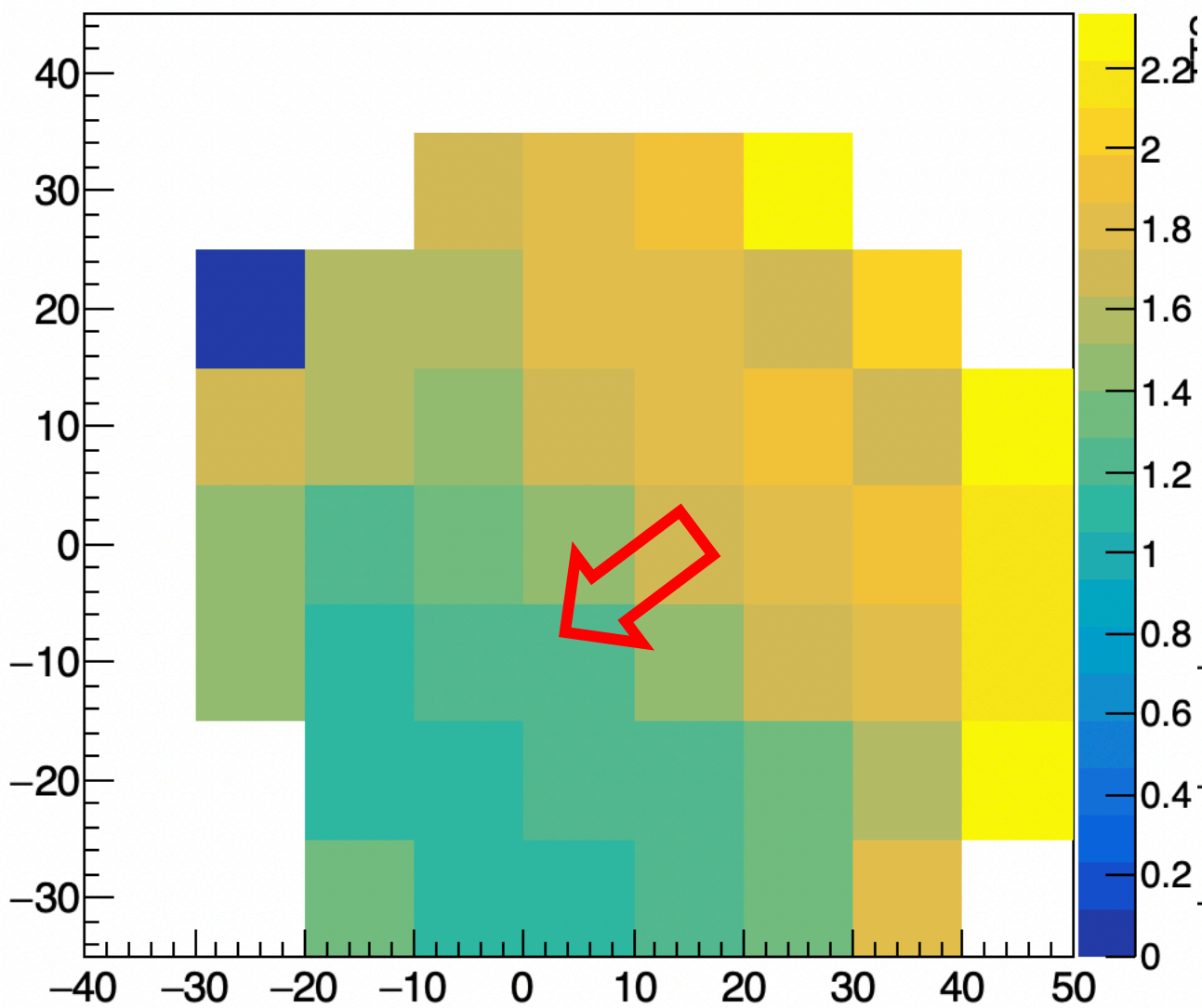


with reflector

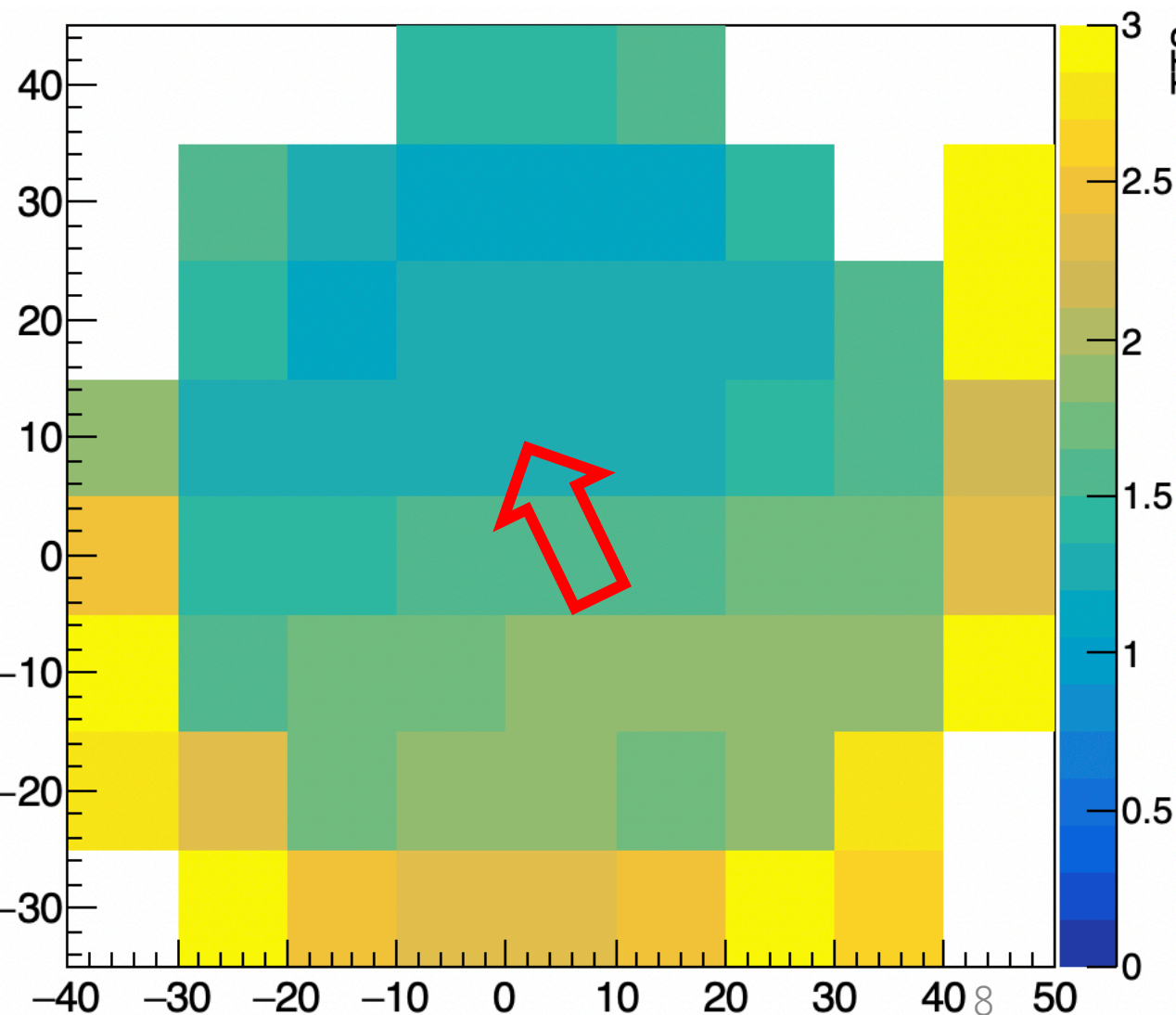


TT (Transit Time Spread)

without reflector



with reflector



	reflector on IPMU	reflector on simulation (default setting)
length	9mm	6.53mm
angle		48°



$$180^{\circ} - 137.5^{\circ} = 42.5^{\circ}$$

