

HIME Measurement 2026.04.14

2.9T

Pulse height measurement w/ Y88 source

- Compton Edge ~ 1.6 MeV

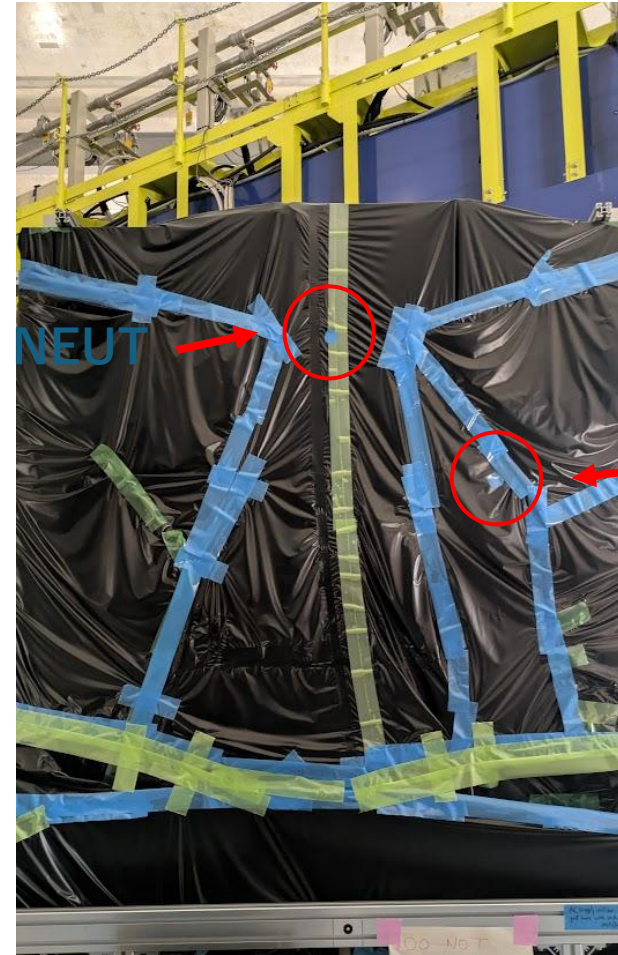
Checked 3 chs using oscilloscope for different magnetic field

- Veto (middle)
- Vertical (U304)
- Horizontal (U003)

Positions of Y88 source (blue markers)



VETO : center of upstream



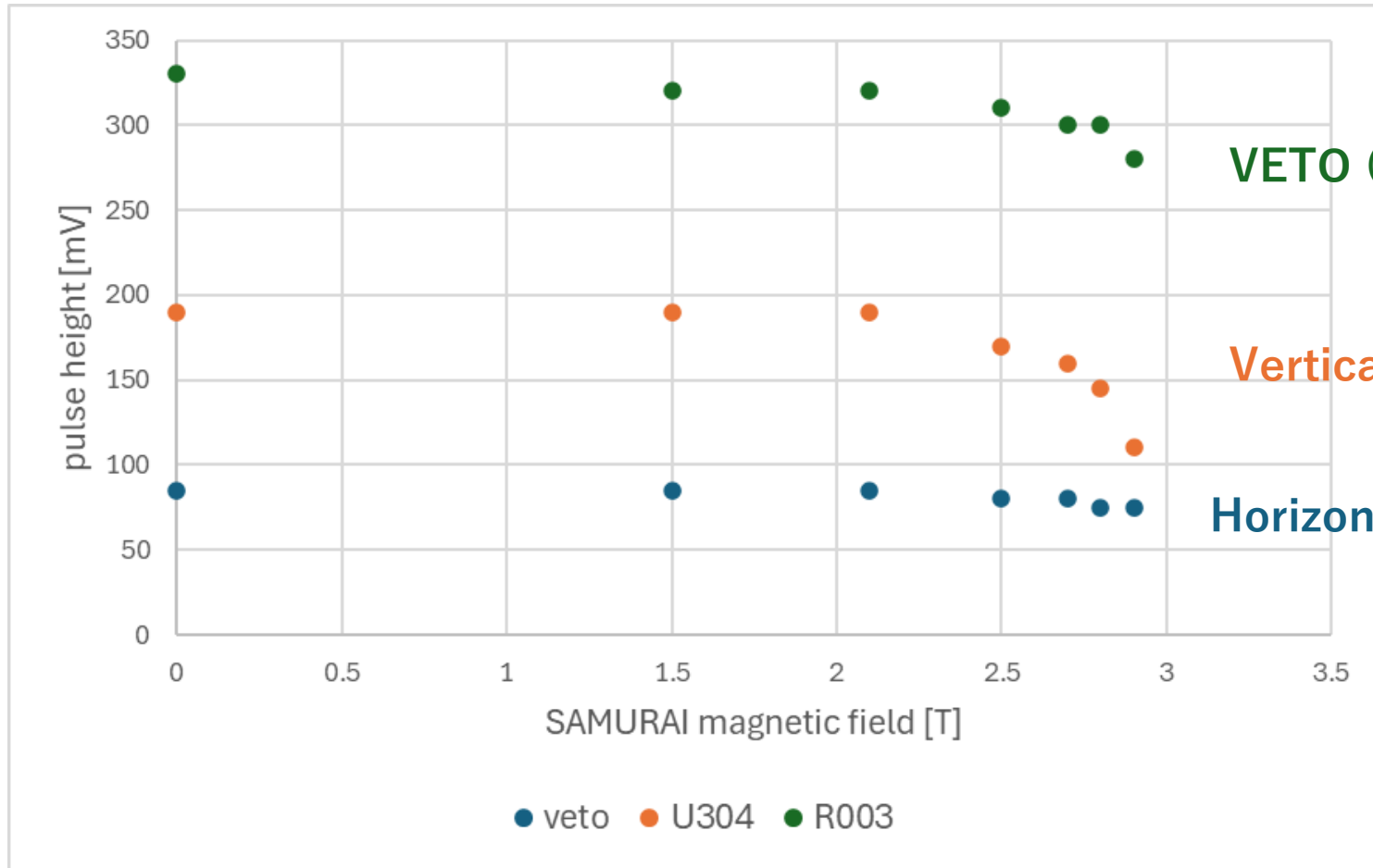
Horizontal NEUT

Neut : downstream

Vertical NEUT

source expects to be the center of each bar

Pulse height as function of field



Measurement Points :
2.9, 2.8, 2.7, 2.5, 2.1, 1.5, 0 T

from 2.9T -> 0T
Veto : 280 -> 330 mV
Vertical : 110 -> 190 mV
Horizontal : 75 -> 85 mV