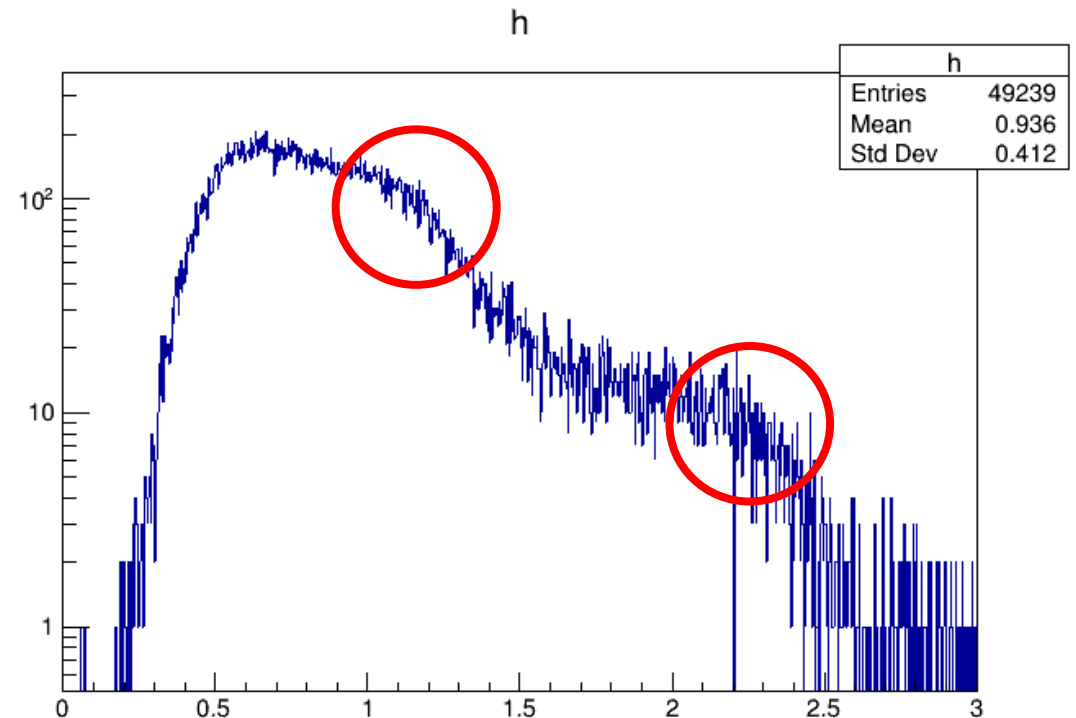
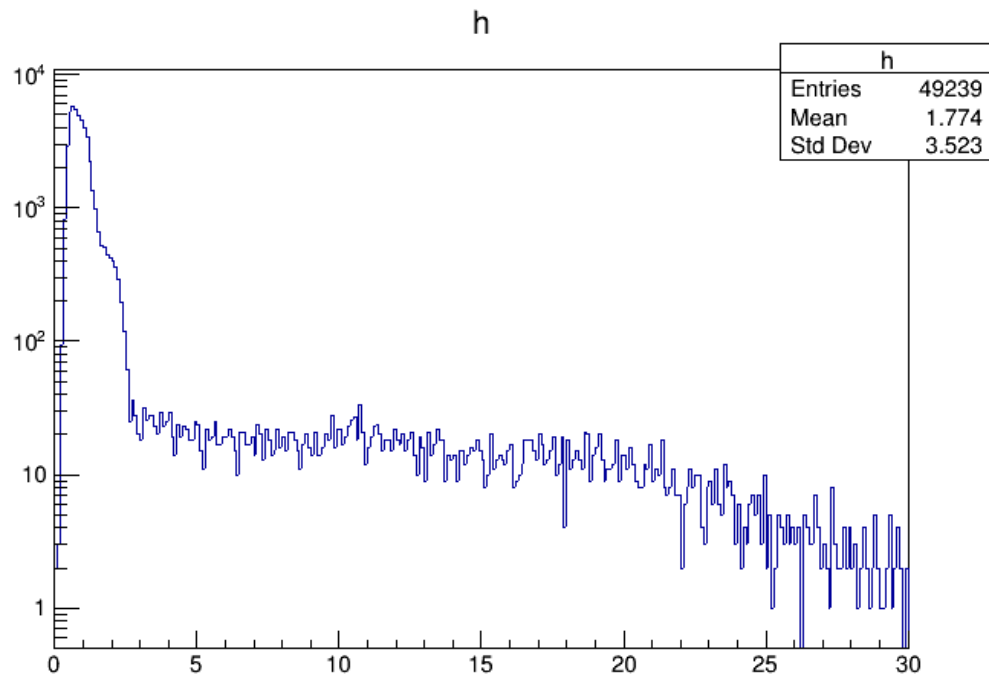


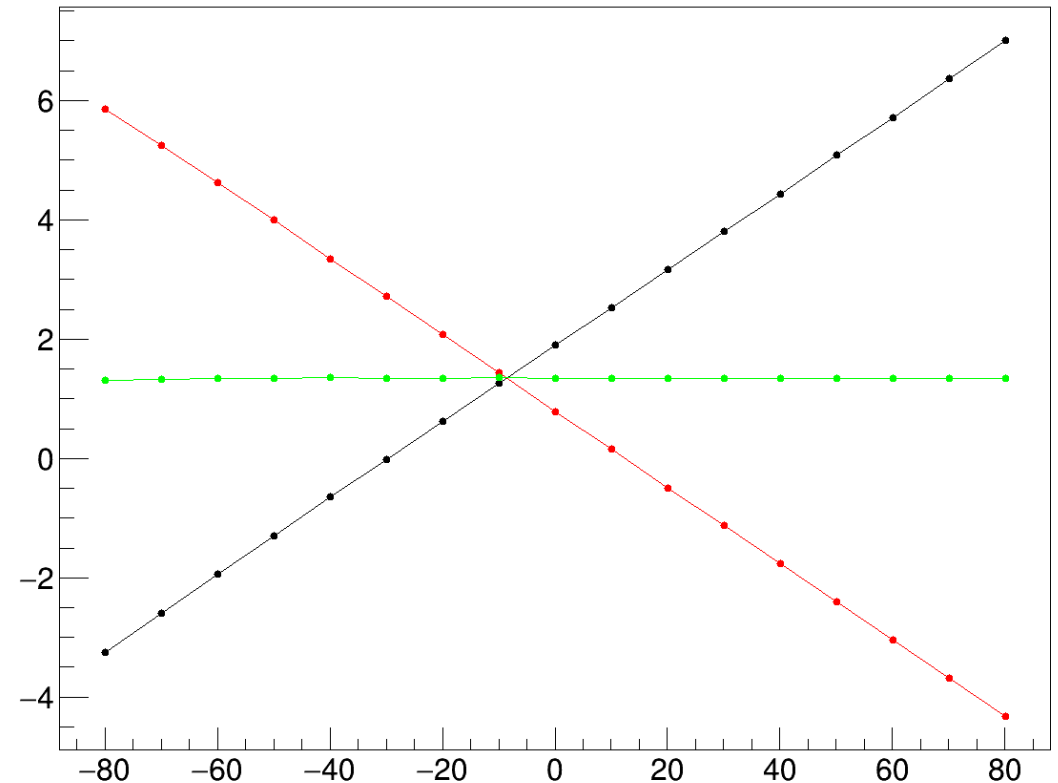
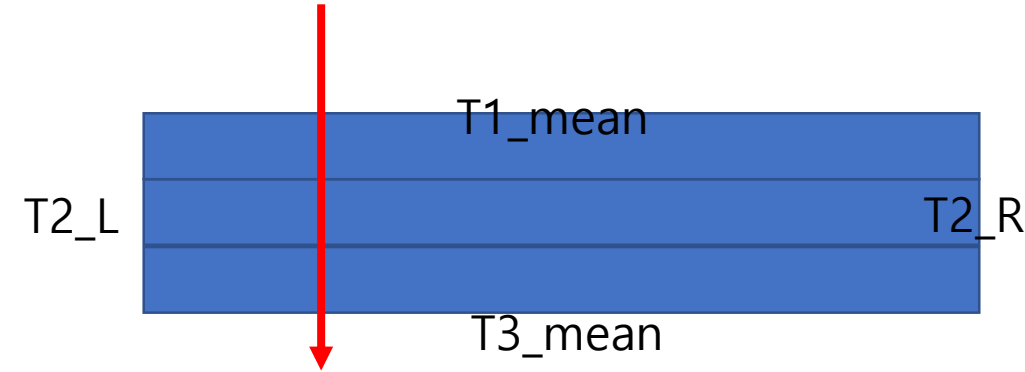
Low energy structure(CERN)

- Threshold ~ 0.3 MeV
- Very similar to what we have seen in the SNU data.

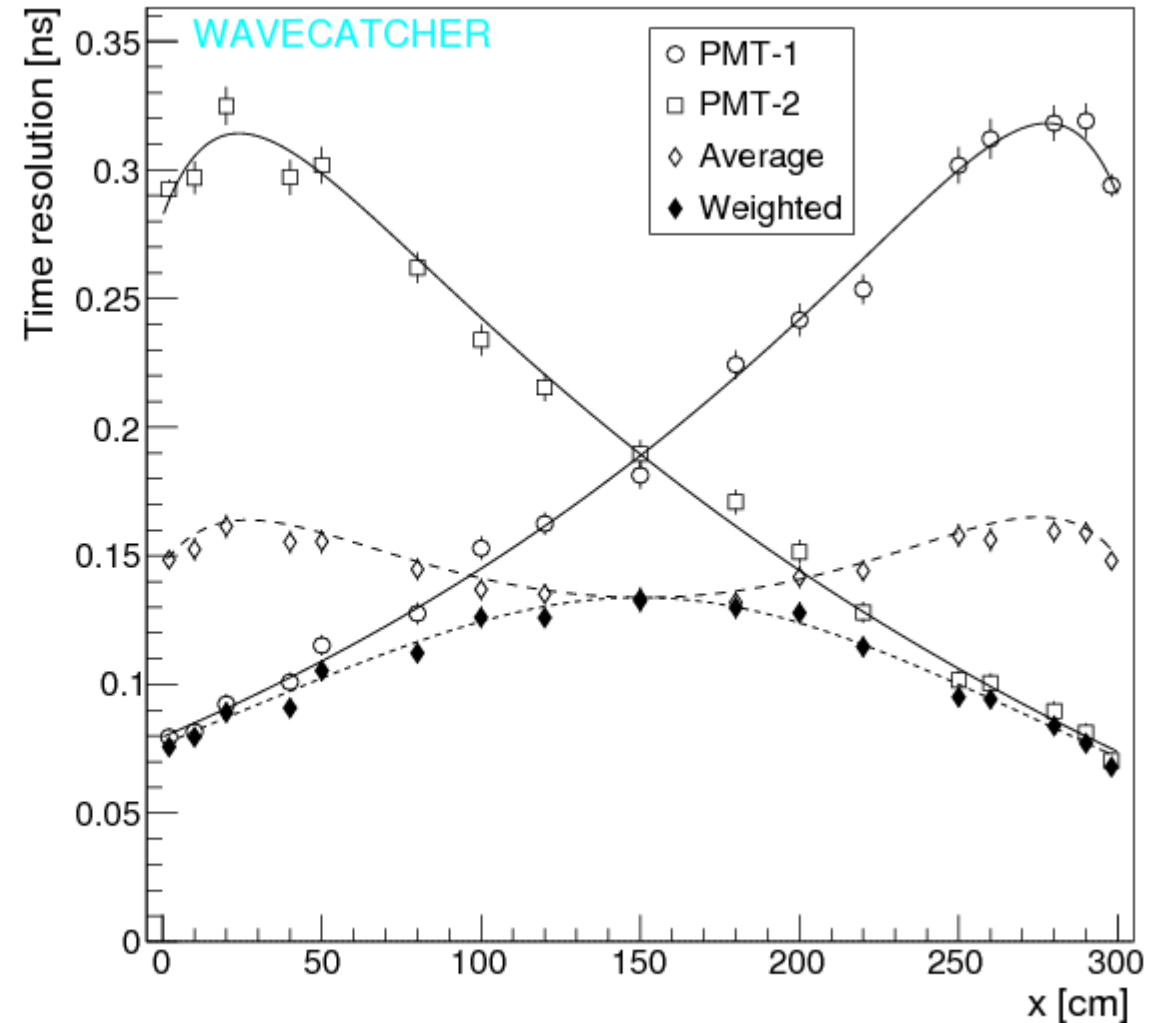
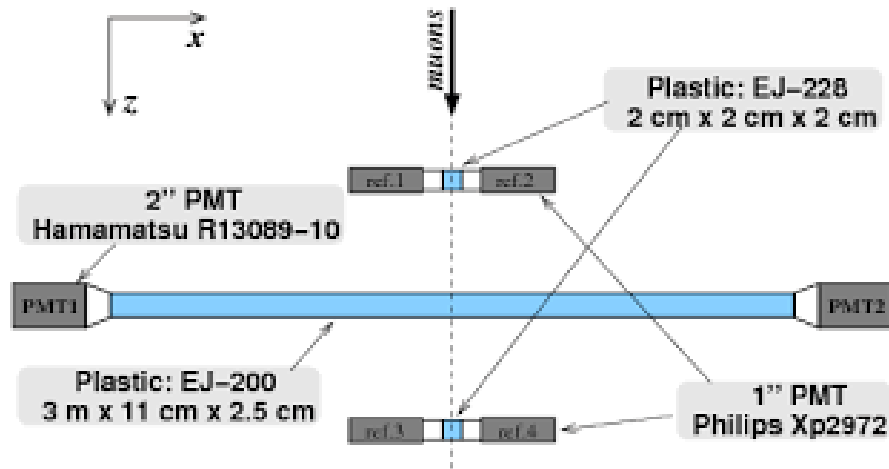


Time determine linearity

- There was pulse broadening..
- $\text{RefT} = (\text{T1_mean} + \text{T3_mean}) / 2$
- Cosine cut > 0.999
- Black = $\text{T2_L} - \text{RefT}$
- Red = $\text{T2_R} - \text{RefT}$
- Green = black and red mean

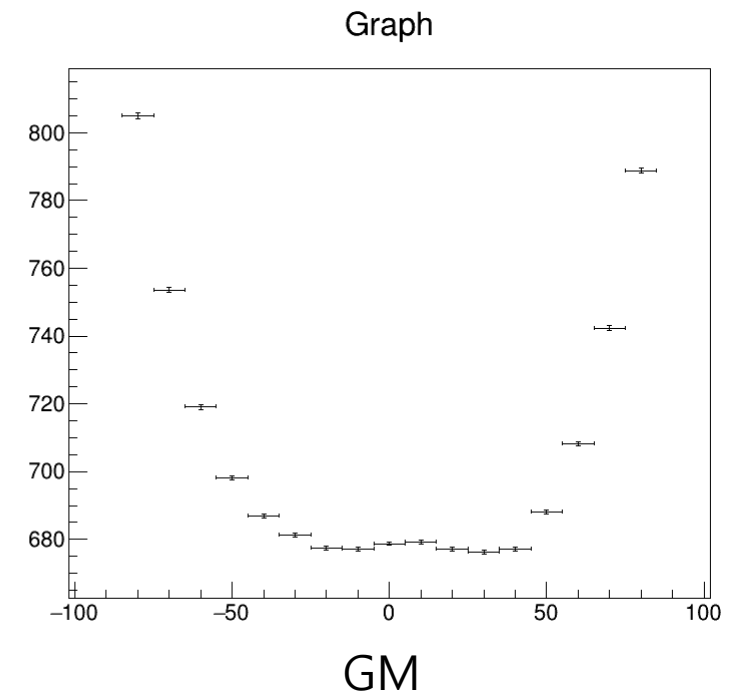
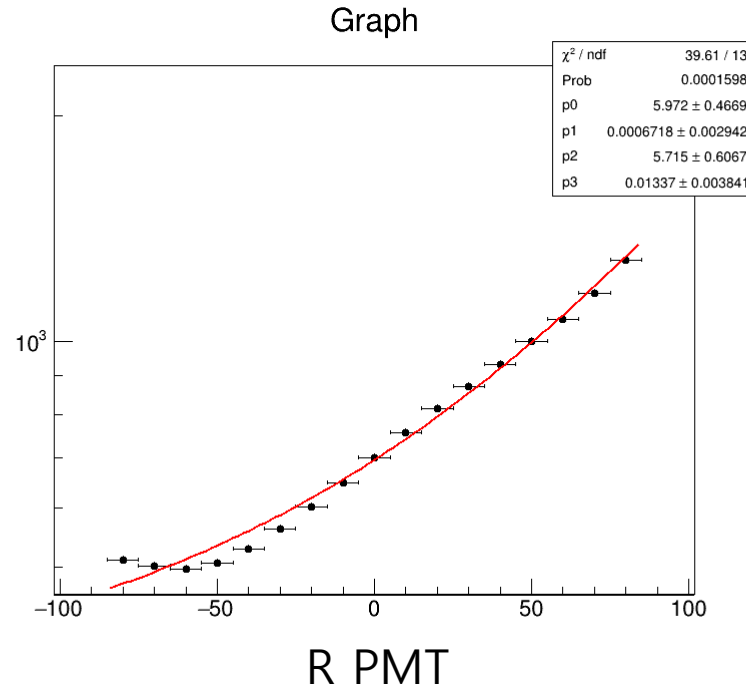
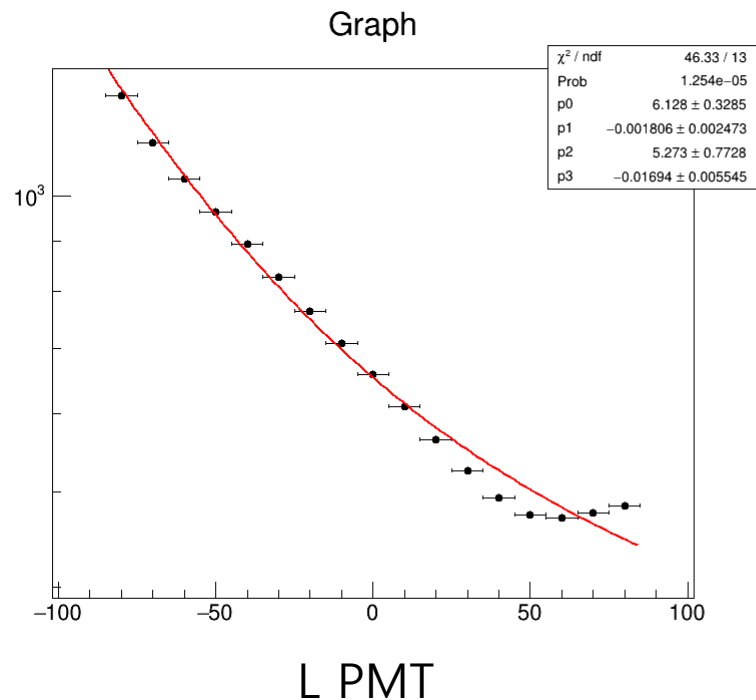


Time resolution



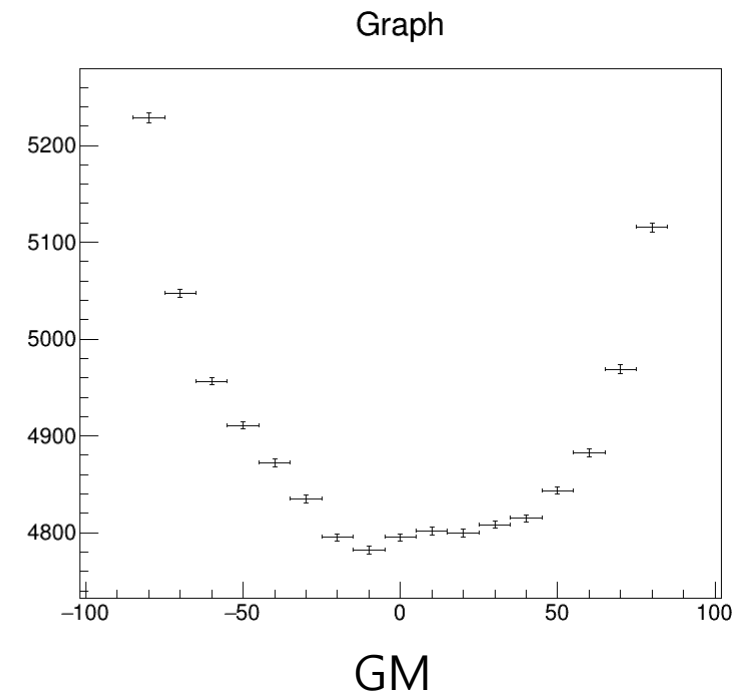
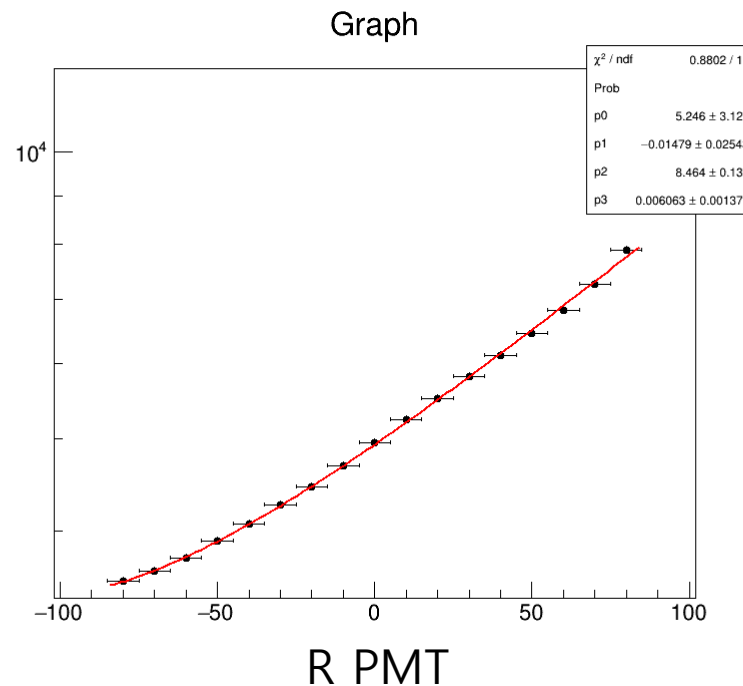
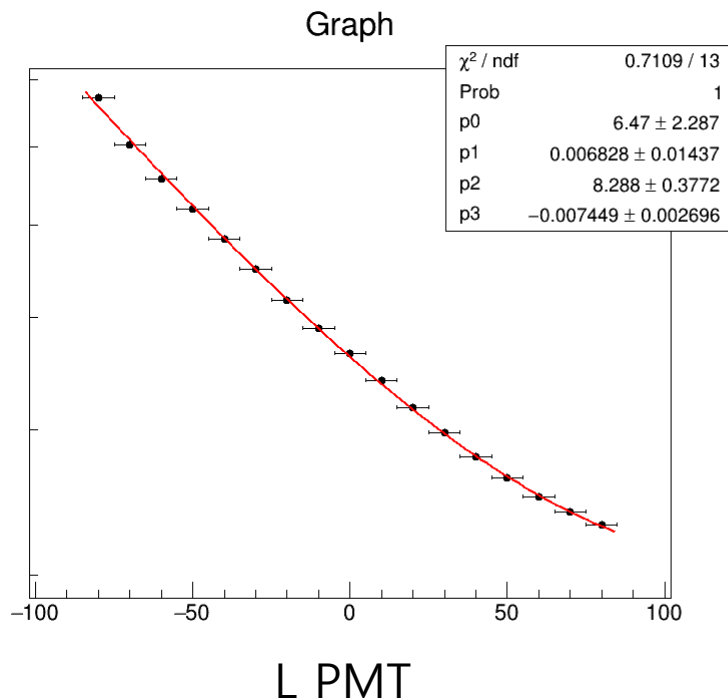
Height MPV with different position

- exp+landau
- Get MPV position by position.
- Geometric mean: 800/680 ~ 1.17



integral MPV with different position

- exp+landau
- Get MPV position by position.
- 5250/4800 ~1.09



backup

